J. Stuart pr.
SEBAST. LE CLERC.

A TREATISE OF ARCHITECTURE,

With REMARKS and OBSERVATIONS.

By that Excellent Master *thereof*,

SEBASTIAN LE CLERC,

KNIGHT of the EMPIRE

Designer *and* Engraver *to the* Cabinet

Of the late FRENCH KING & *Member*

Of the ACADEMY *of* ARTS & SCIENCES. *Necessary*

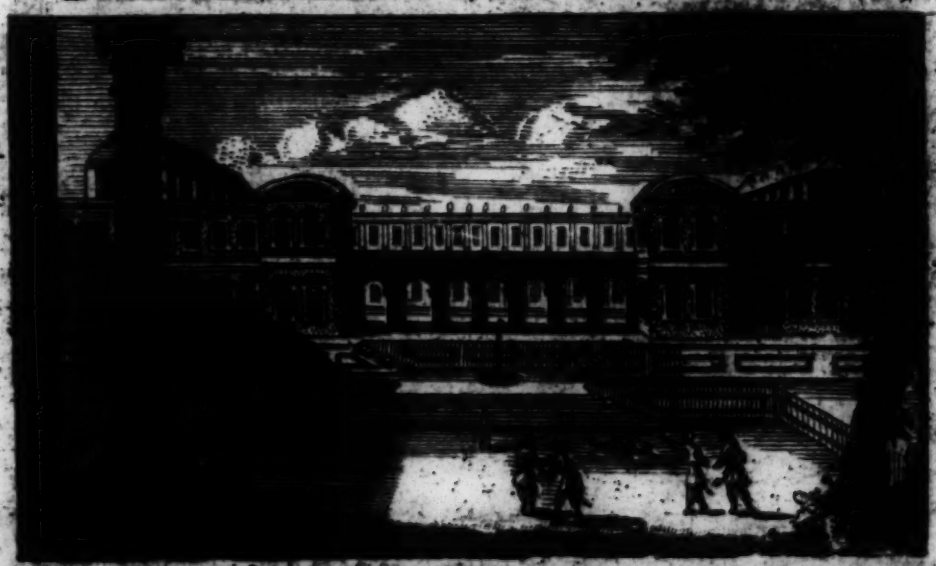
For Young People who would apply to that

NOBLE ART.

Engraven in CLXXXI. Copper Plates

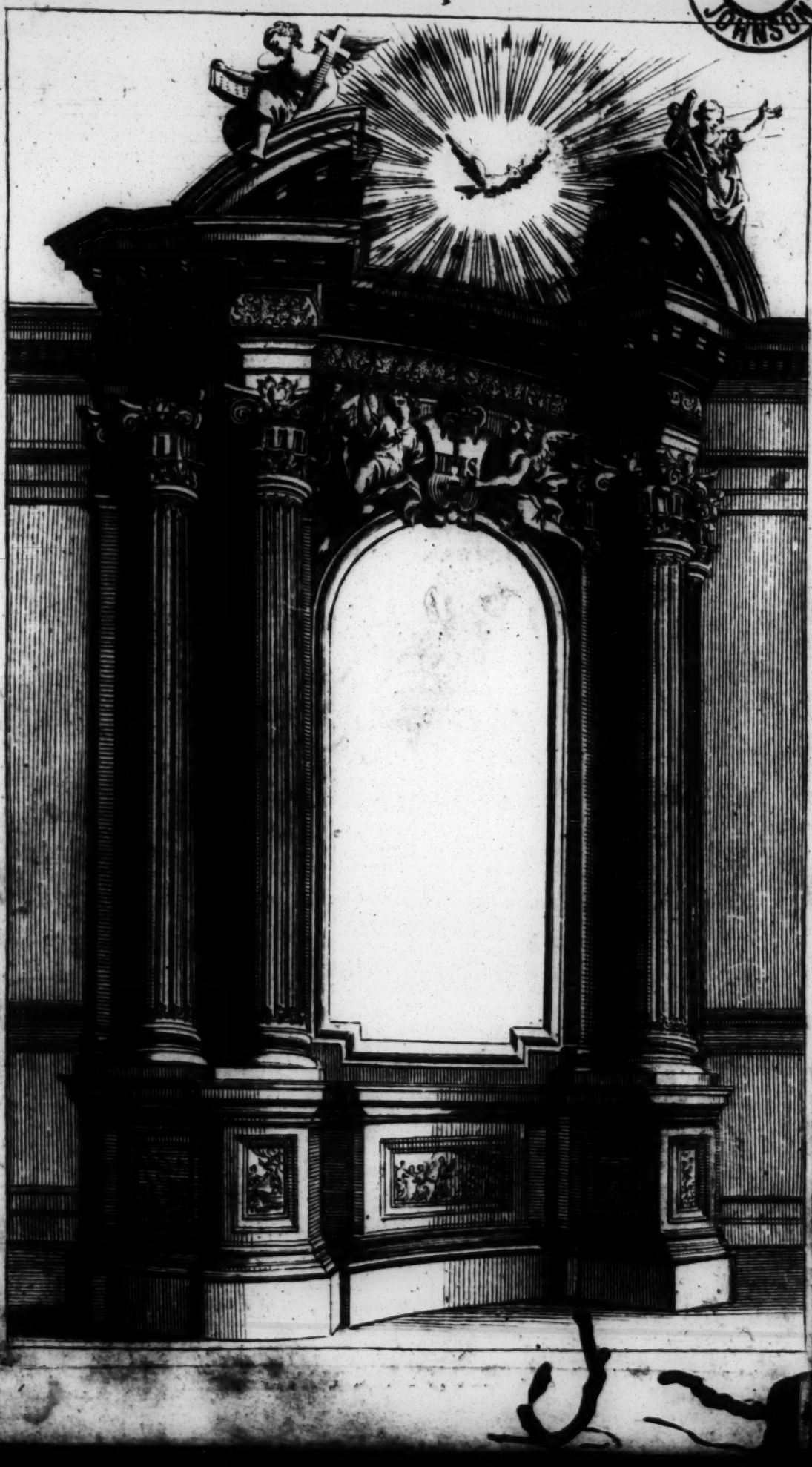
By JOHN STURT.

TRANSLATED BY Mr CHAMBERS.



SOLD by Mr. Richd. Ware at the Bible & Sun in Amen Corner Jno. Will. *and* John Innys *at the West end of* St. Pauls. Mr. Osbourn *in Lombard Street*. Mr. Senex *at y*e *Globe in Fleetstreet*. Mr. Sam. Tooke & Mr. Ben. Motte *at the Temple gate* Booksellers. *And* John Sturt *Engraver in Golden Lion Court in Aldersgate Street*.

LONDON. MDCCXXIV.


Bibl Bodl
JOHNSON

Arms Blazoned.
Gules a Cheveron Argent between 2 pair of Compasses above & a Sphere below in Base Or. On a Chief of y^e 3.^d 2 Roses of y^e first; between them a Pale Sable charg^d w.^th an Escallop-Shell of the 2.^d

Chrest a Demi-Savage Proper, holding a Spear Or.
Supporters, 2 Cupids of y^e last: The Dexter holding a Woman Crown'd with a Castle: The Sinister a Square both Proper.

TO

The MASTER and WARDENS OF The Worshipful Comp.^a of Joyners London

May it Please Your Worships.

This Company was Incorporated Anno 1570. And are a Body of Workmen which have improv'd y.^r Art to such a Height as to Excell all their Bretheren in Europe, both in Number and Art, to the Honour of their Country.

This Treatise of Architecture by that Celebrated Architect Sebastian le Clere, the most Copious & Exact in all its parts that has yet appear'd in y^e World may enable you to advance it by Industry & Application is most humbly Dedicated by Your Worships

Obedient Servant

John Sturt.

Arms Blazon'd Azure *a Chevron* Or *between a* Flower de lys *urgent entres* 2 Brick-axes *in* Chief *on a bundle of* Laths *in Base* Or. Creſt *an arm'd* Arm *holding a* Brick-Ax Or.

TO THE

Maſter and *Wardens of* THE WORSHIPFUL COMP.A OF *Bricklayers London*

May it Pleaſe your Worſhips.

This Company was Incorporated Anno 1568. *And are a Body of Workmen which have improv'd y.r Art to ſuch a Height as to Excell all their Brethren in Europe both in Number and Art to the Honour of their Country.*

This Treatiſe of Architecture *by that Celebrated* Architect Sebaſtian le Clerc *the moſt Copious and exact in all its parts that has yet appear'd in y.e World, may enable you to advance it by Diligence and Imitation; is moſt humbly Dedicated by* Your Worſhips

Obedient Servant

John Sturt.

Arms Blazond Azure on a Chevron Argent, a Pair of Compasses *somewhat extended of the first. Crest a Castle of y^e second.*

TO

The MASTER and WARDENS

OF

The Worshipfull Comp^a of Masons London

May it Pleale Your Worships.

This Company was Incorporated in Anno 1410. *Having been call'd* the Free Masons, *a Fraternity of great Antiquity being Honoured by Several* KINGS *& very many of y^e* Nobility & Gentry *being of their* Society. *And are a body of Workmen which have advanc'd their Art to such a height, that they out do all their Brethren in Europe both in Number & Art to the Glory of their Nation.*

This Treatise of Architecture *by the most Correct* Designer & Architect Sebastian le Clerc, *that has yet Appear'd in the World; whose Rules and Proportions well follow'd may advance it yet farther; is most humbly Dedicated by* Your Worships,

Obedient Servant

John Sturt.

Arms Blazon'd: Argent a Chevron ingrayl'd betweer 3 Pair of Compass

pointing towards the Base and a li de extended) Sa ble.

TO THE

Master and Wardens of THE WORSHIPFUL COMP A OF Carpenters London

May it Please Your Worships.

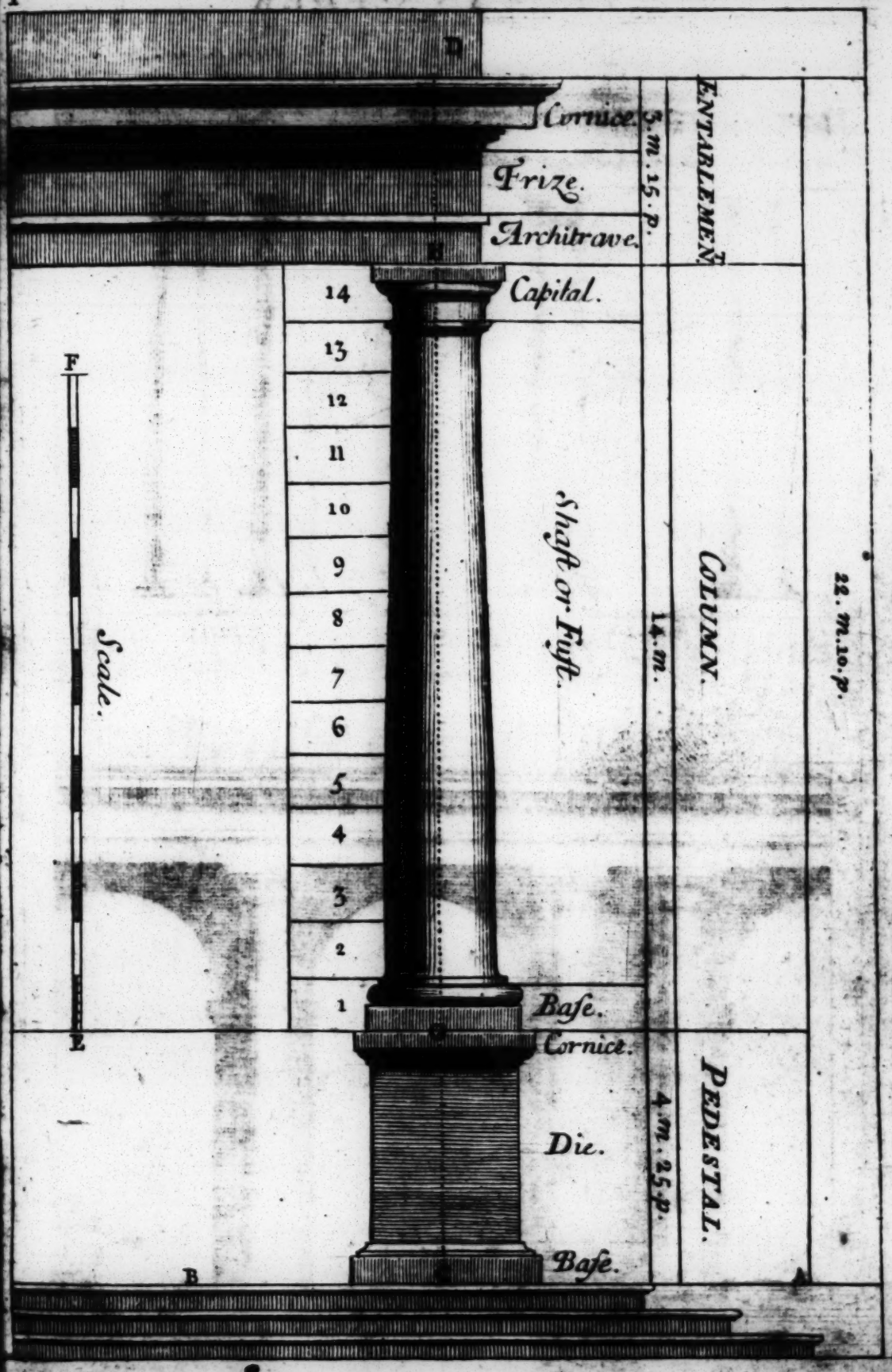
This Company was Incorporated Anno 1476. *And are a Society of Handy-Crafts which have raised their Art to such a Pitch of Excellency that they out do all their Brethren in Europe both in Art and Number; to the Honour of their Country.*

This Treatise of Architecture *by that most Celebrated* Designer & Architect Sebastian le Clerc, *the most Copious & Exact in all its Parts that has yet appear'd in the World, may enable you to advance it by Diligence & Imitation, is most humbly Dedicated by* Your Worships

Obedient Servant

John Sturt

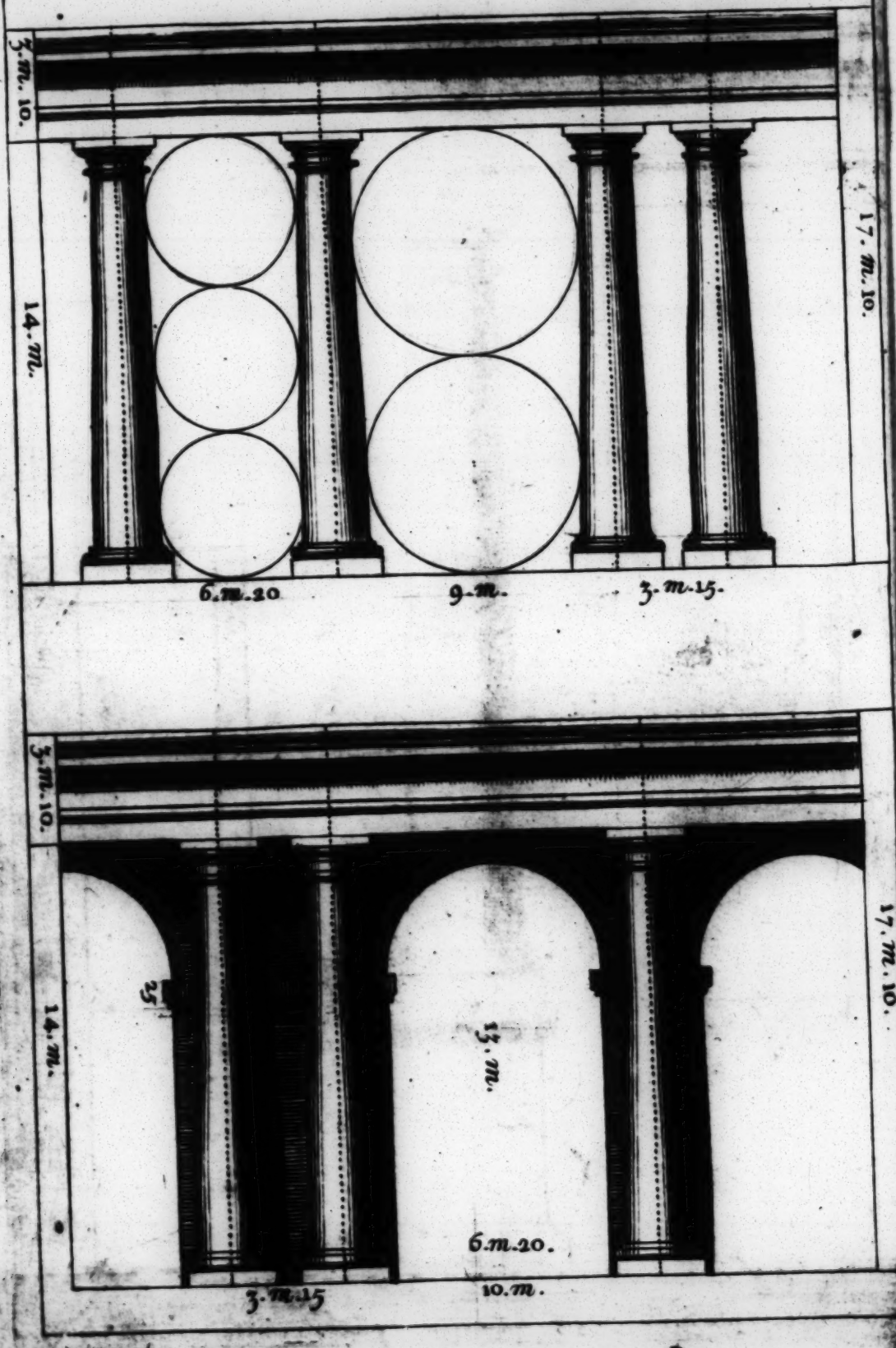
TUSCAN ORDER.



TUSCAN ORDER.

2

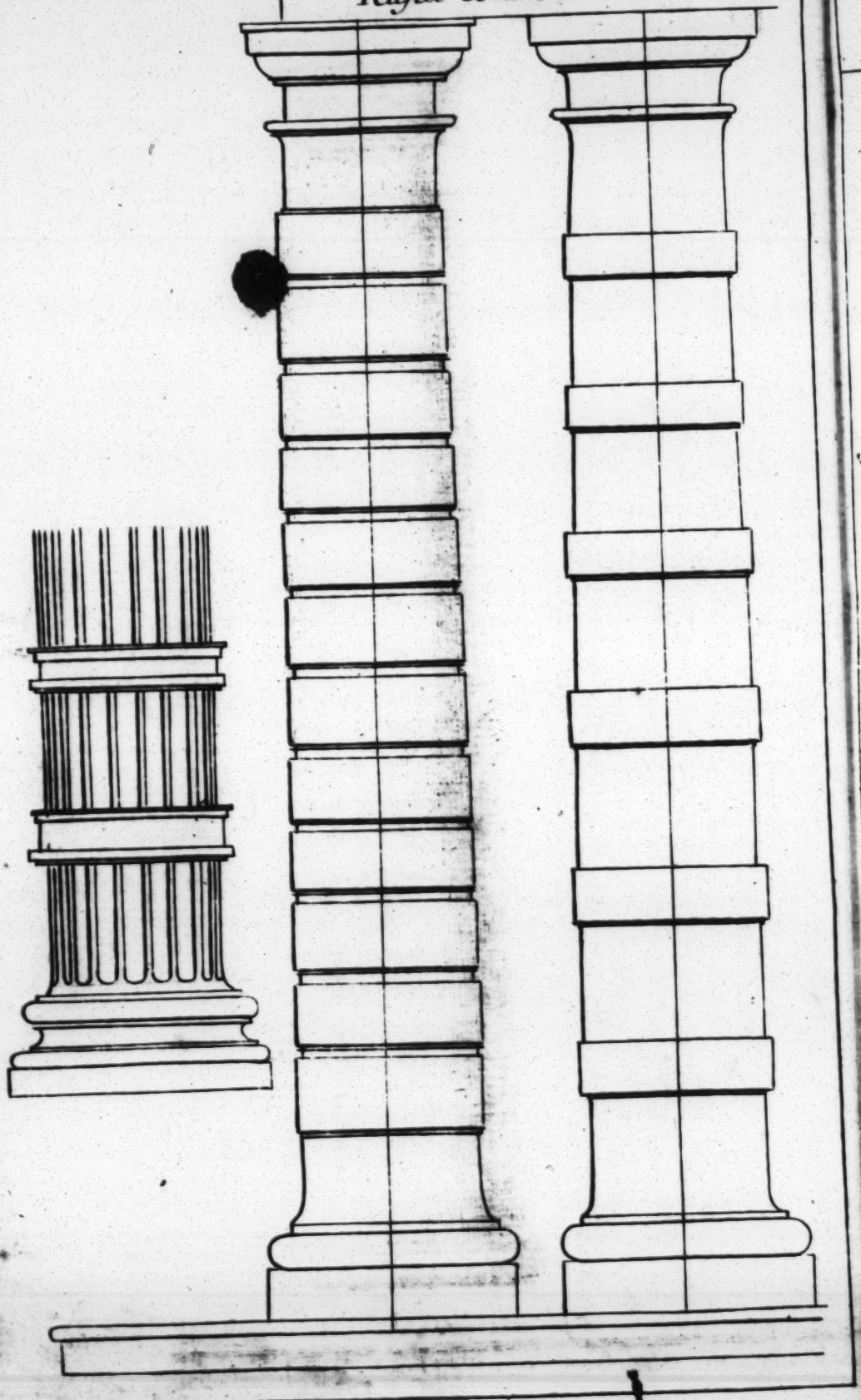
Columns in Pairs.



TUSCAN ORDER

TUSCAN ORDER.

Ruſtic Columns.



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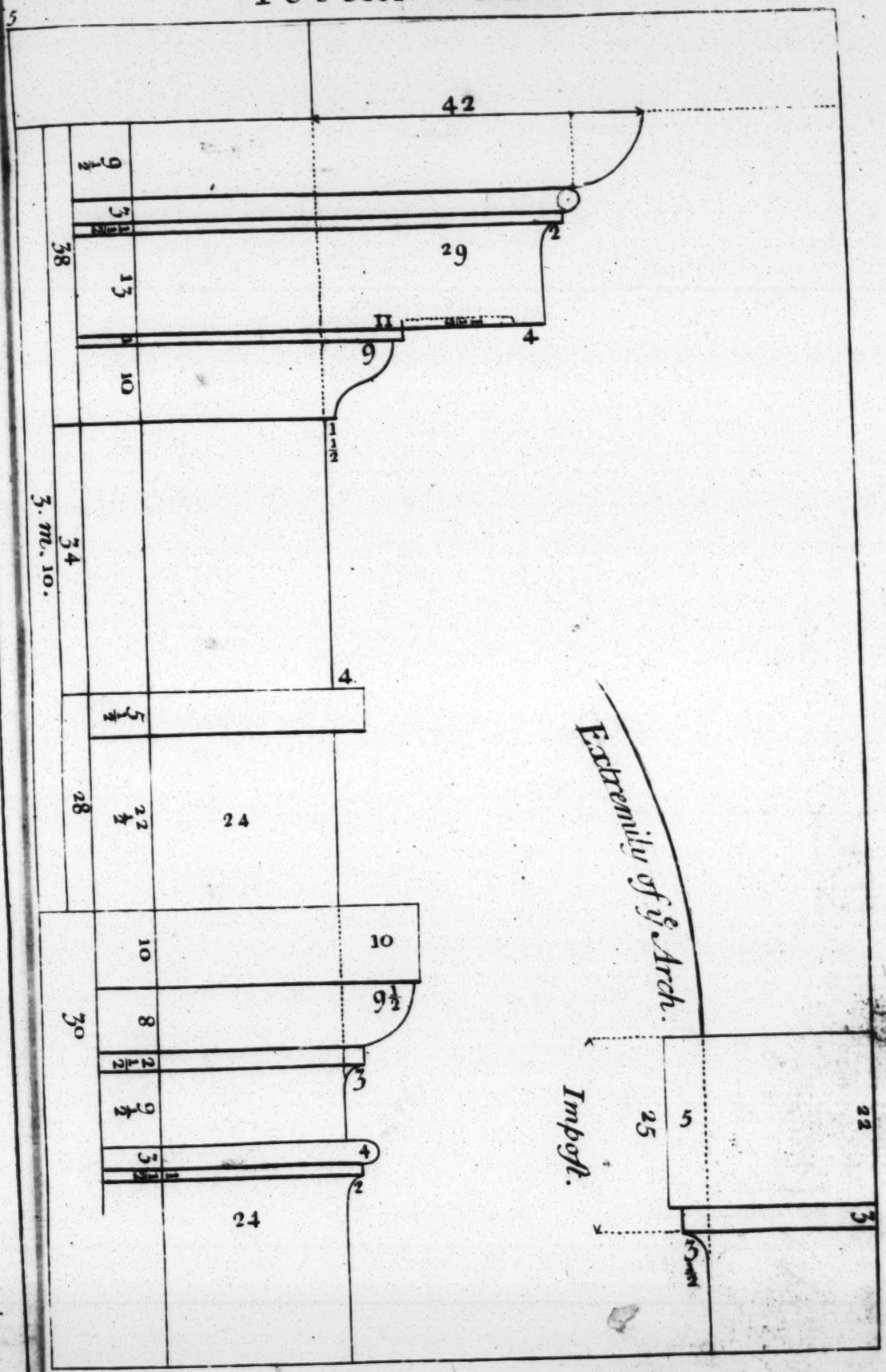
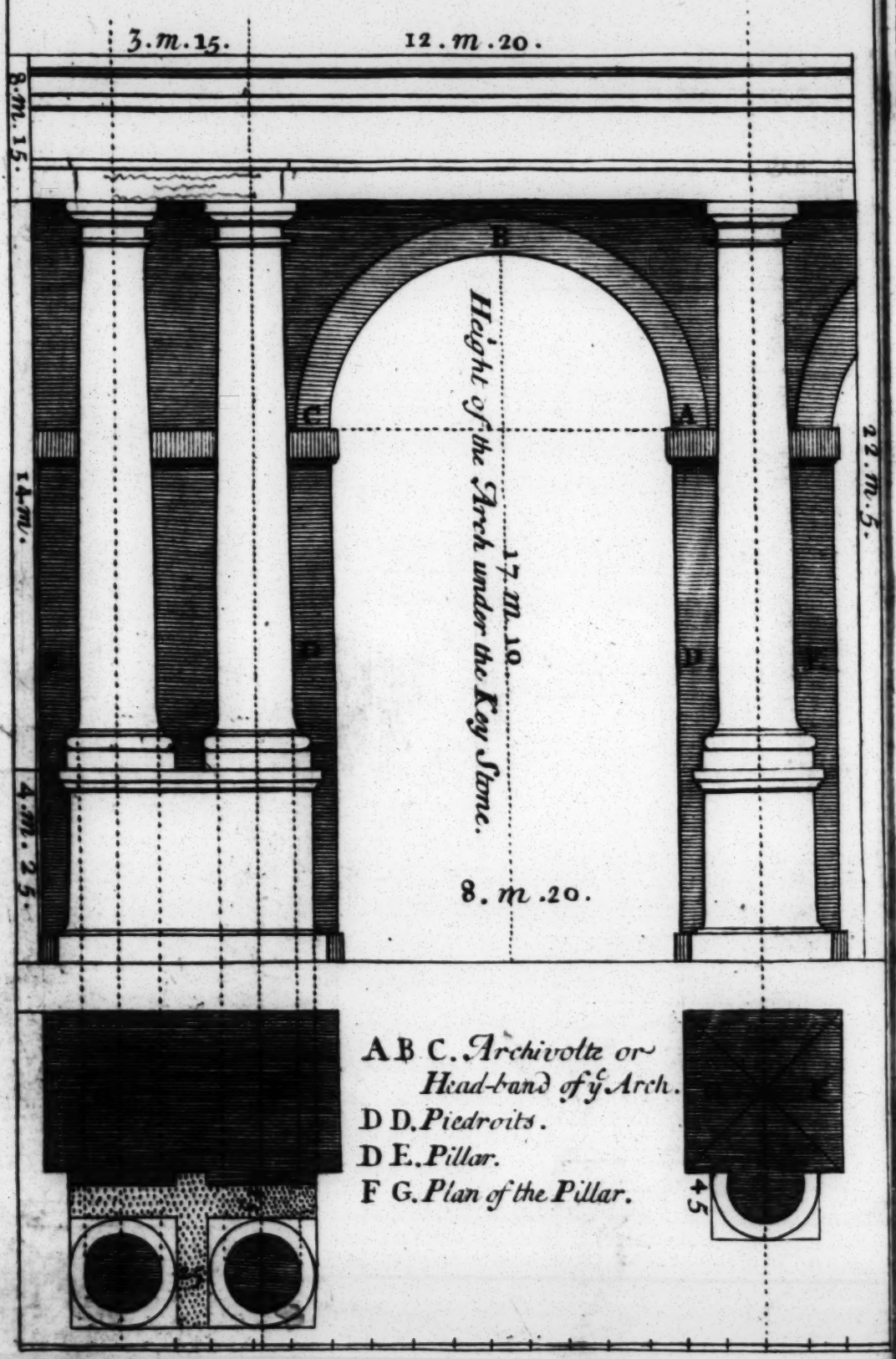
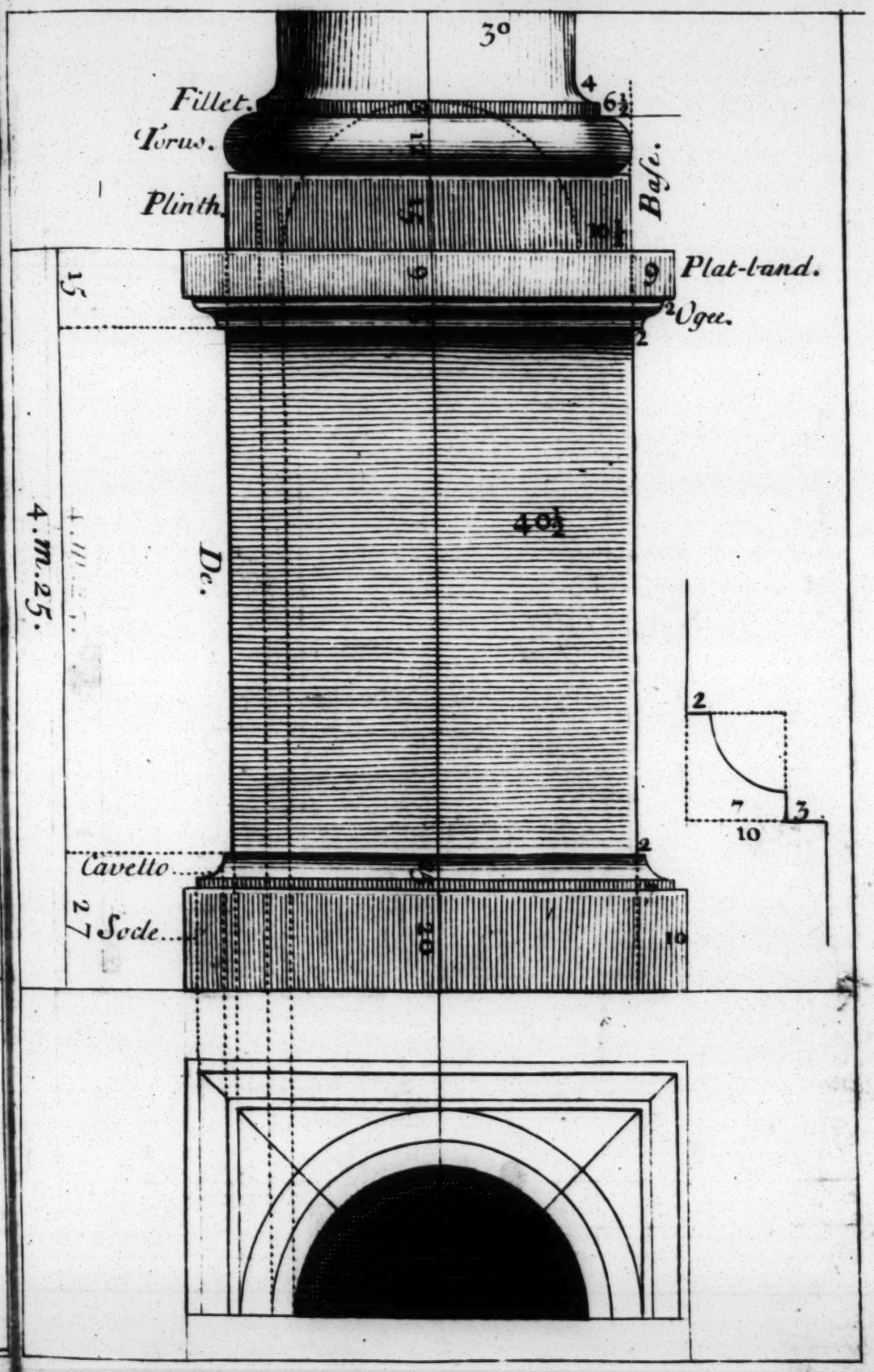
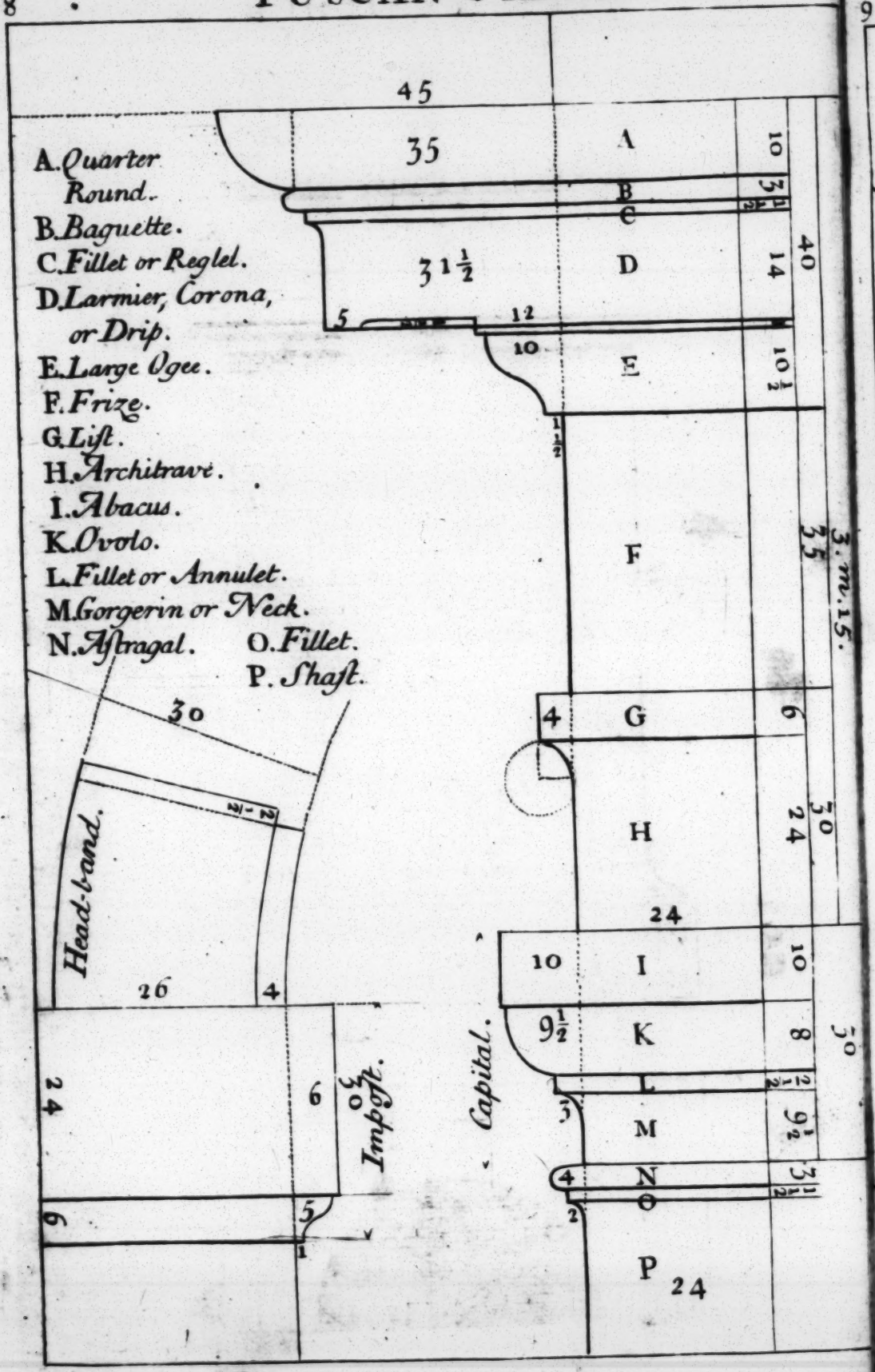



3. m. 15.
12. m. 20.
8. m. 15.
14 m.
4. m. 25.
22. m. 5.
Height of the Arch under the Key Stone.
17. m. 10.
8. m. 20.
A B C. Archivolte or Head-band of ye Arch.
D D. Piedroits.
D E. Pillar.
F G. Plan of the Pillar.
+5

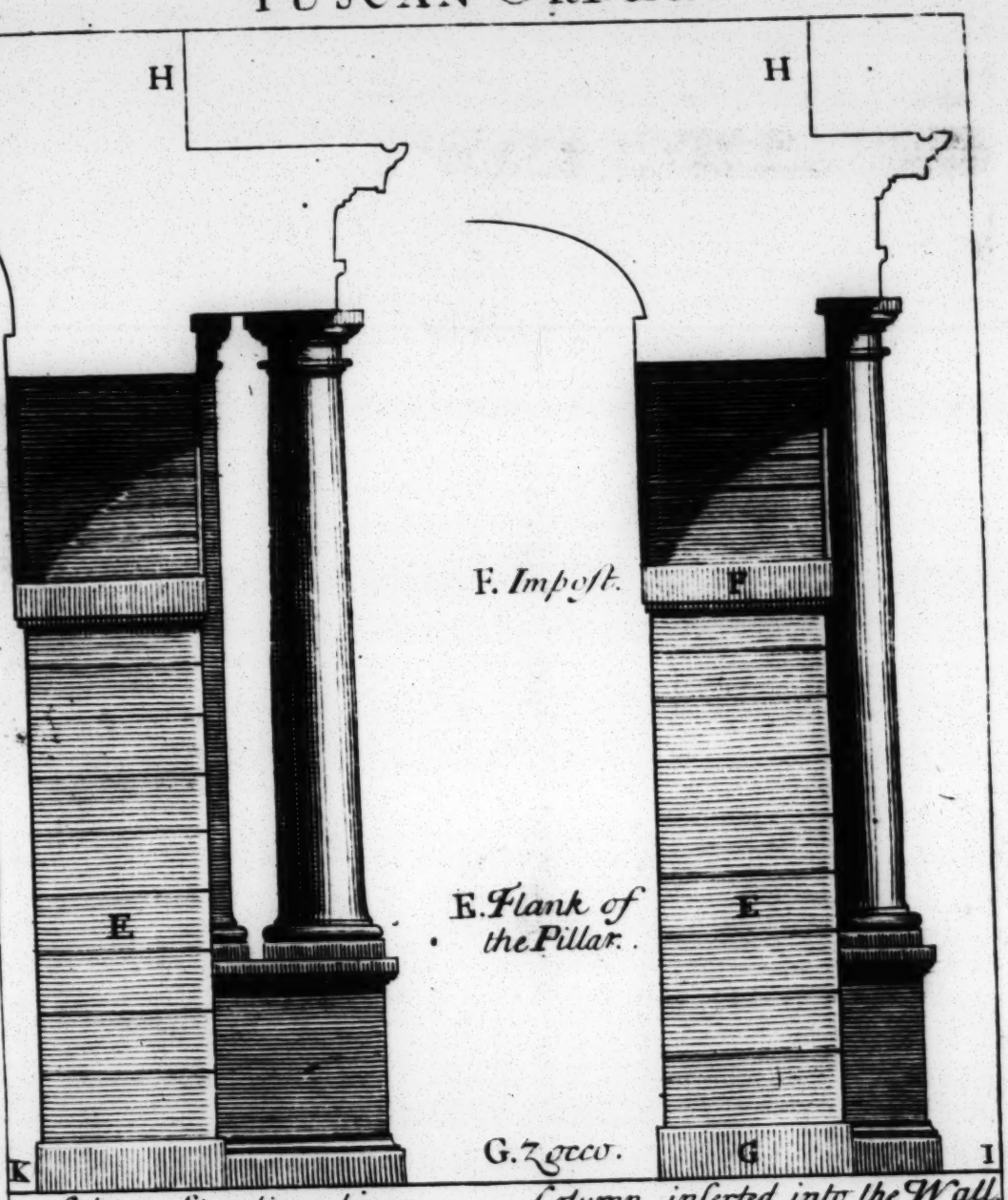
TUSCAN ORDER.



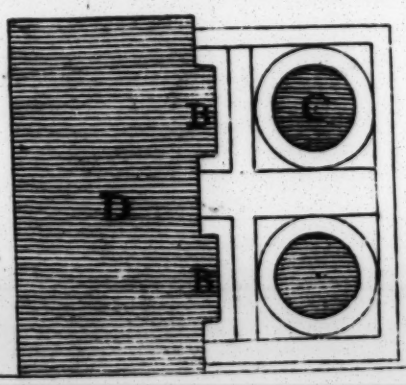
TUSCAN ORDER.

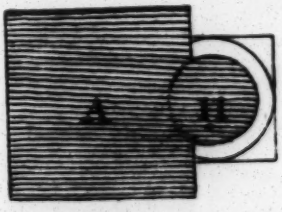


TUSCAN ORDER.



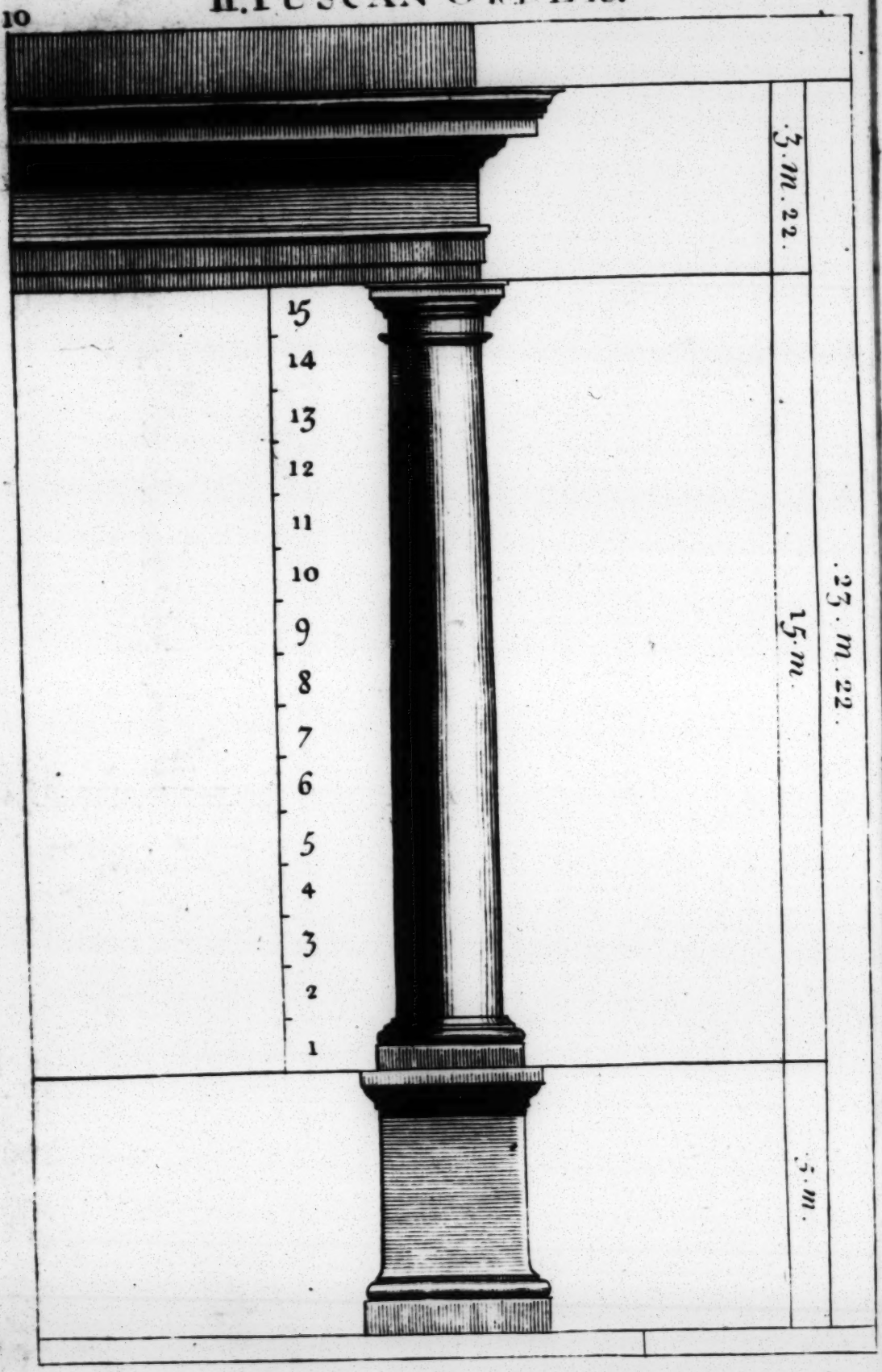
Column Standing alone. *Column inserted into the Wall.*



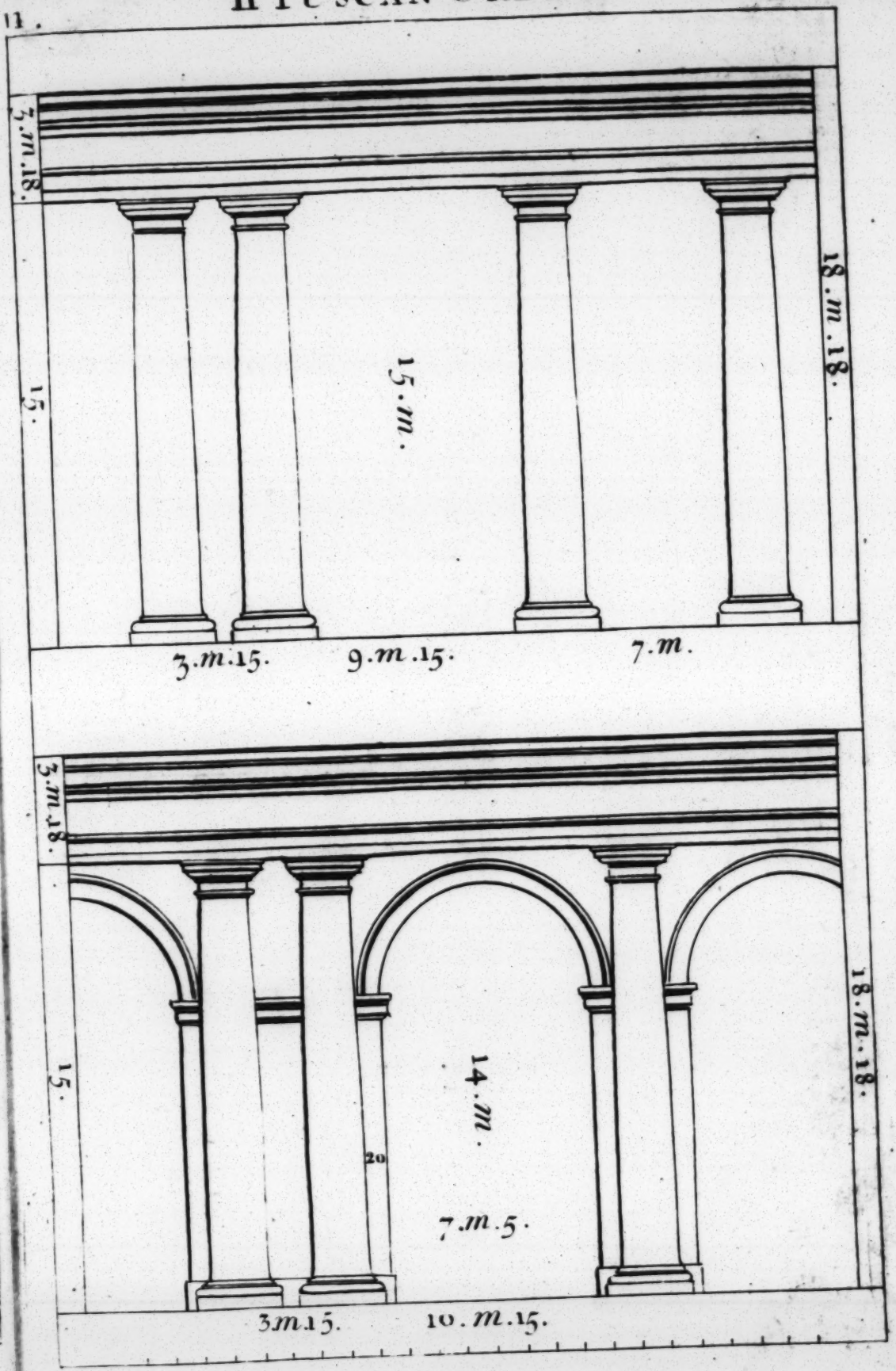


IK *Horizontal or Terrestrial Lines.*
H *Naked of the Wall.*

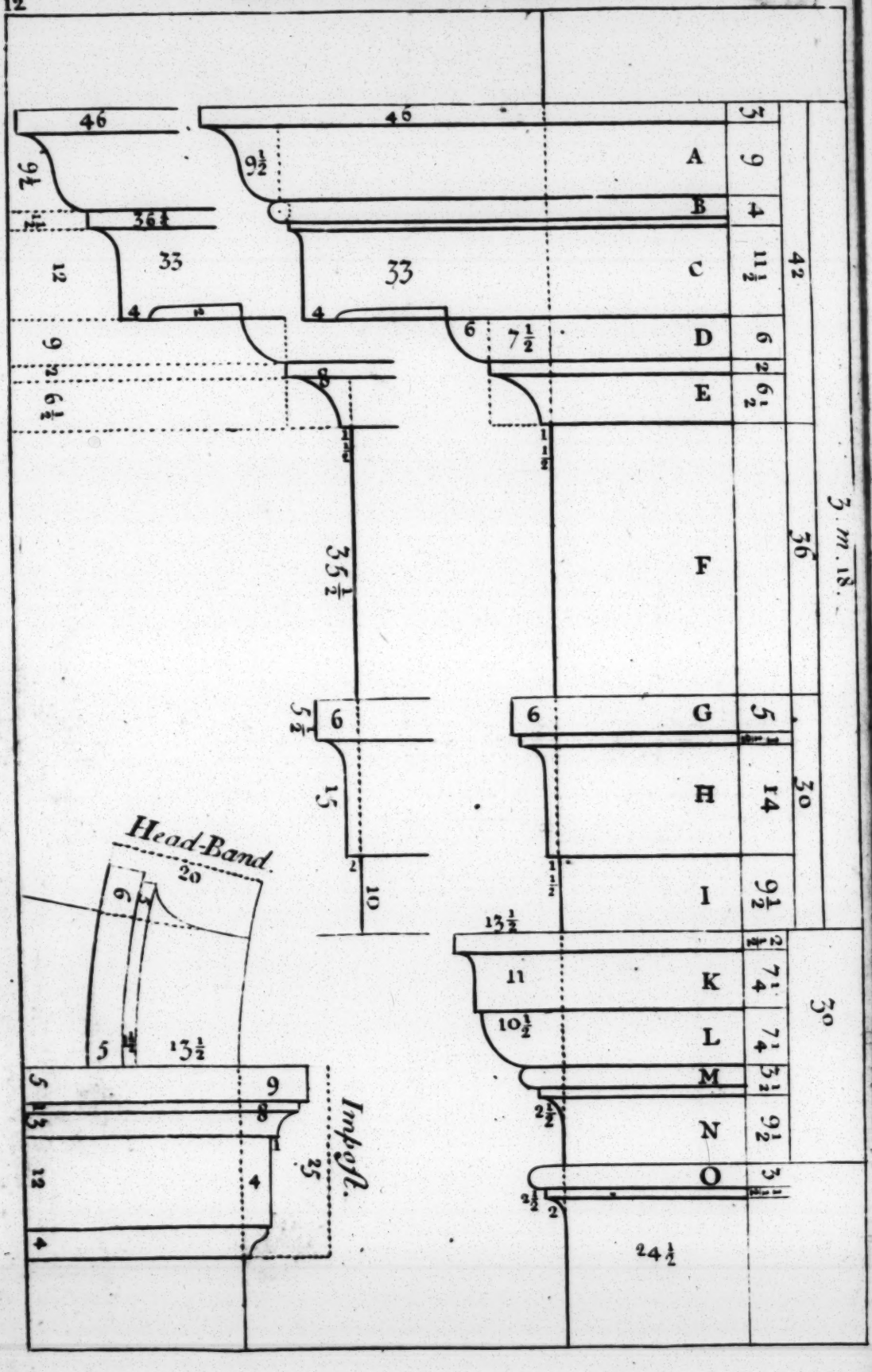
II. Tuscan Order.



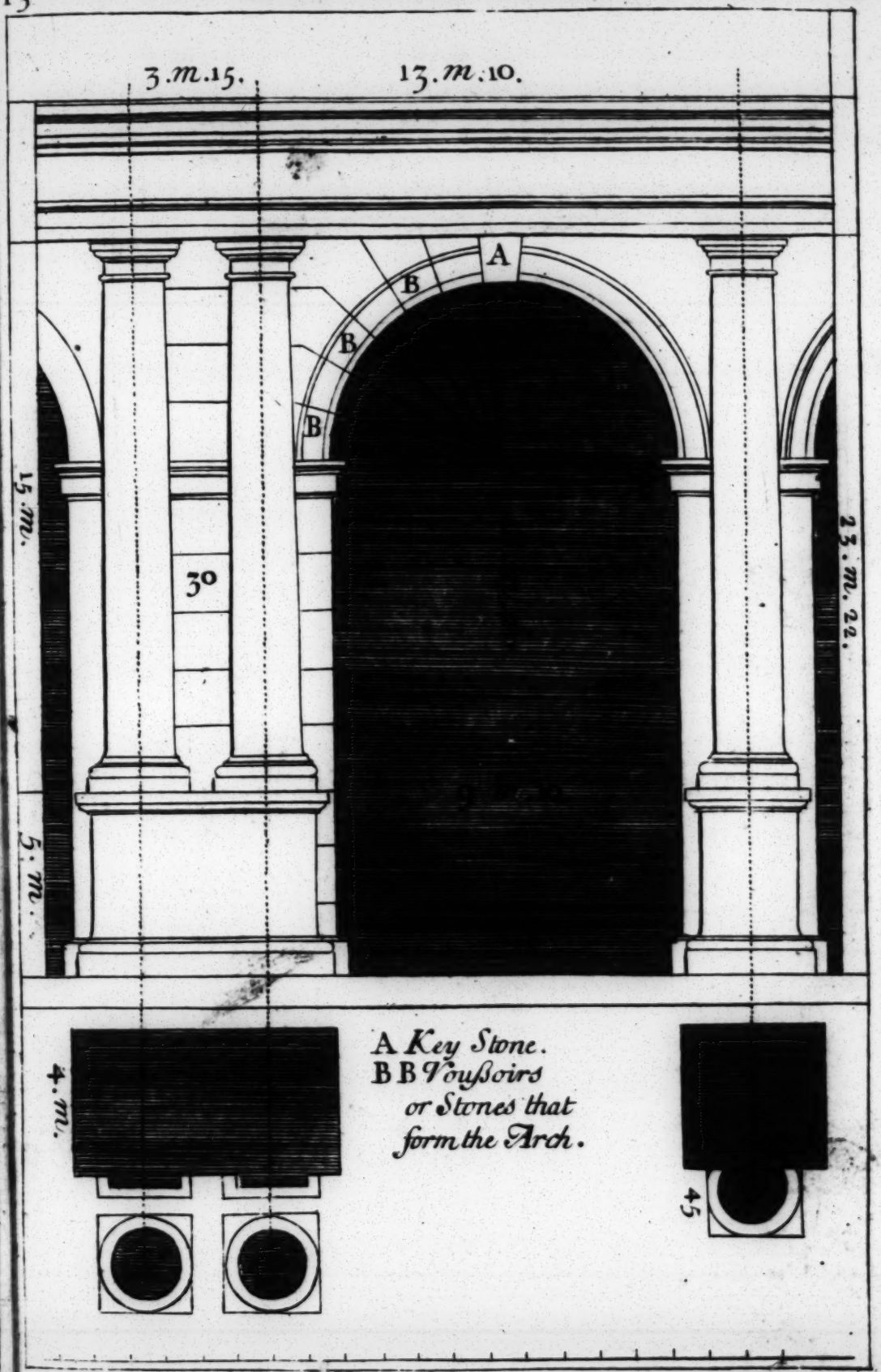
II Tuscan Order



II. TUSCAN ORDER.

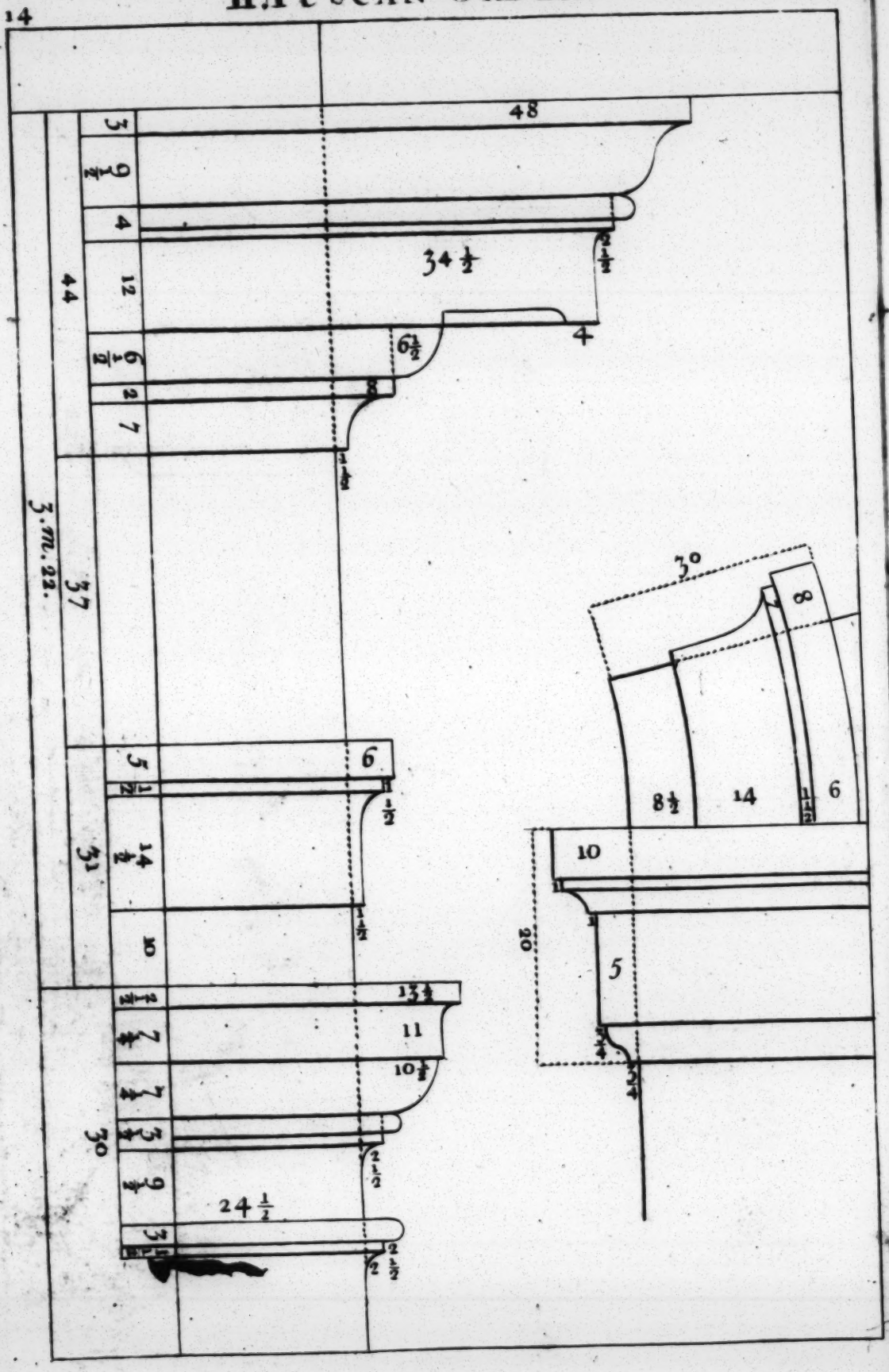


II Tuscan Order.

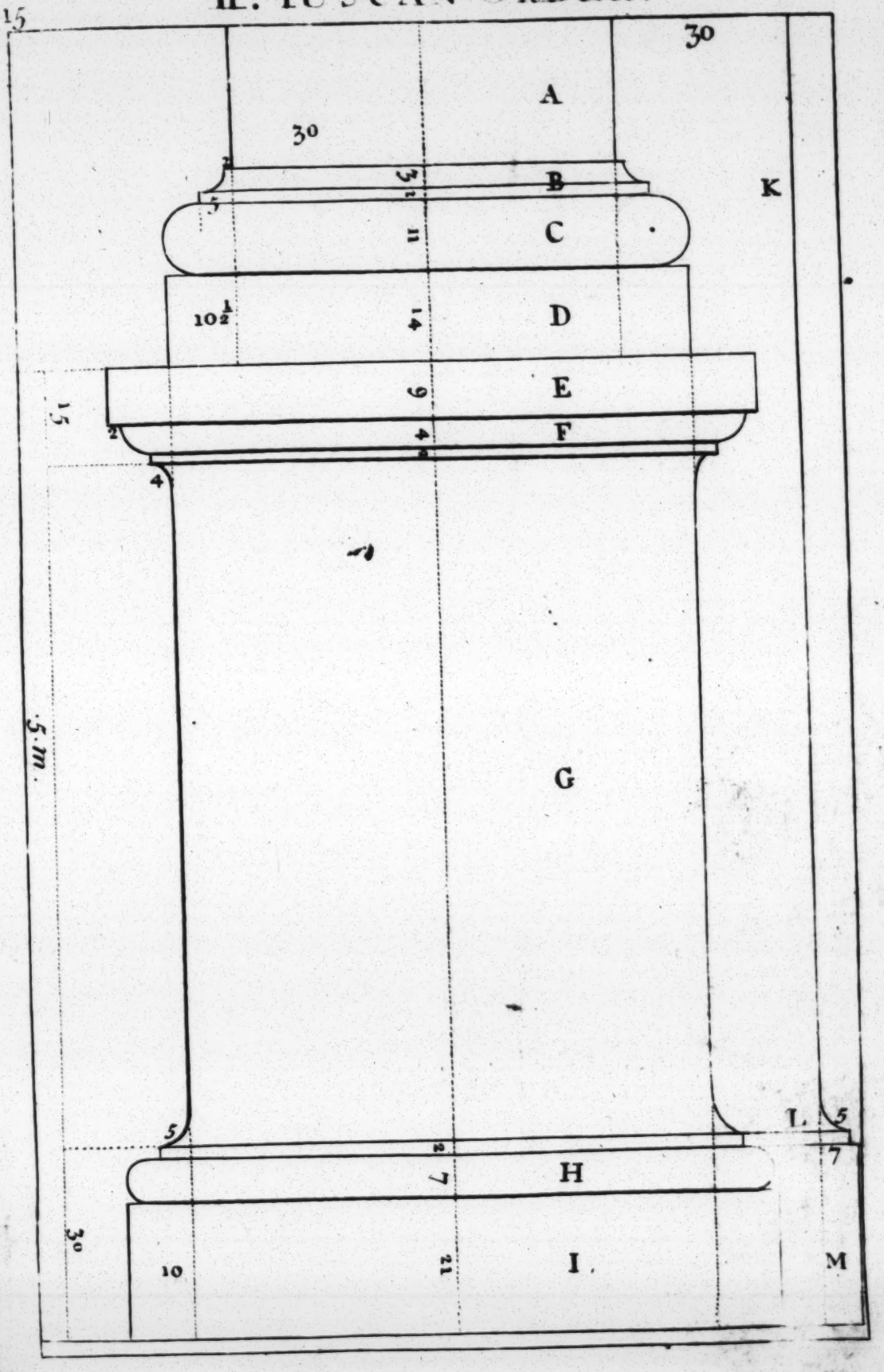


A *Key Stone.*
B B *Voussoirs or Stones that form the Arch.*

II. Tuscan Order.

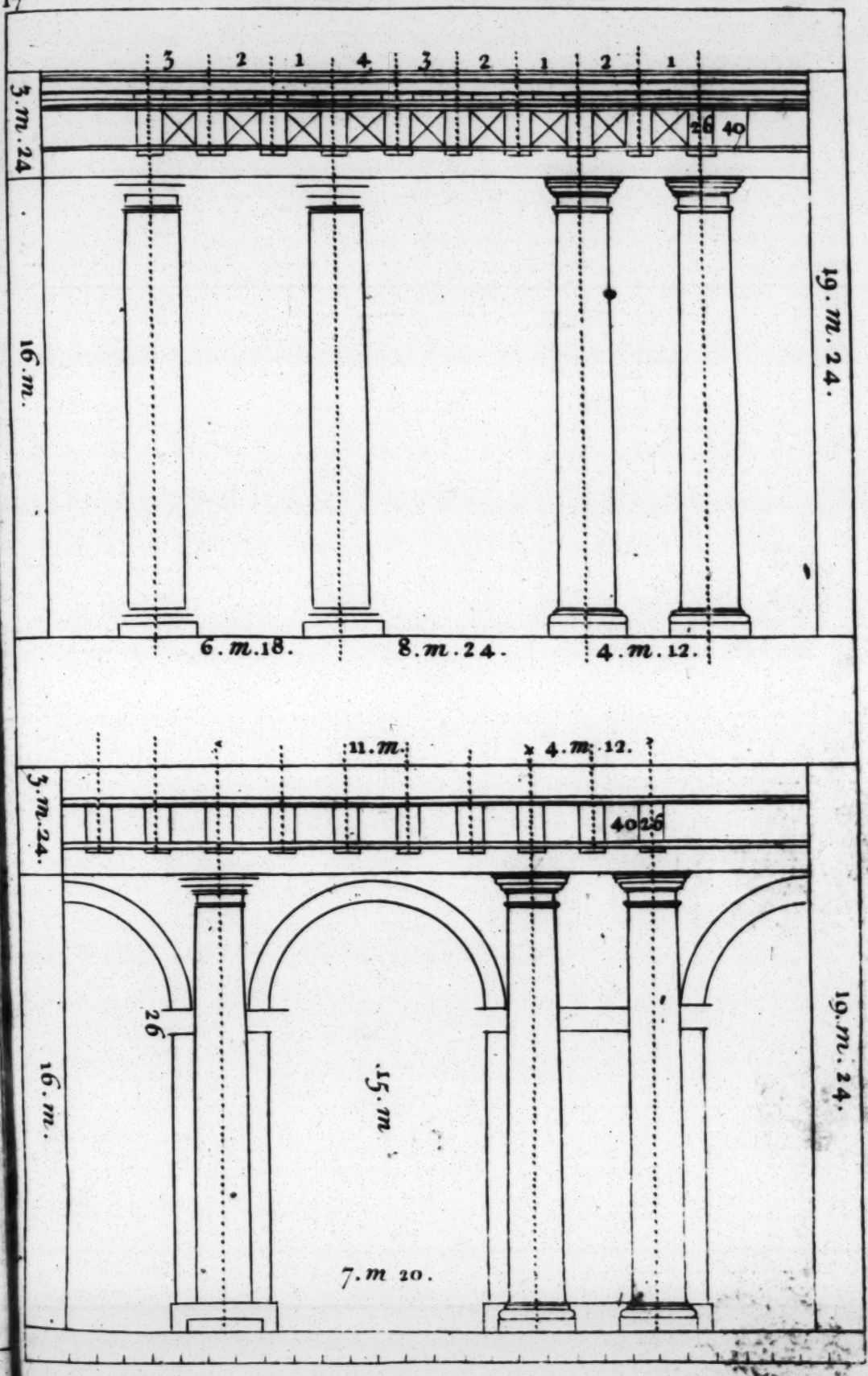


II. Tuscan Order.

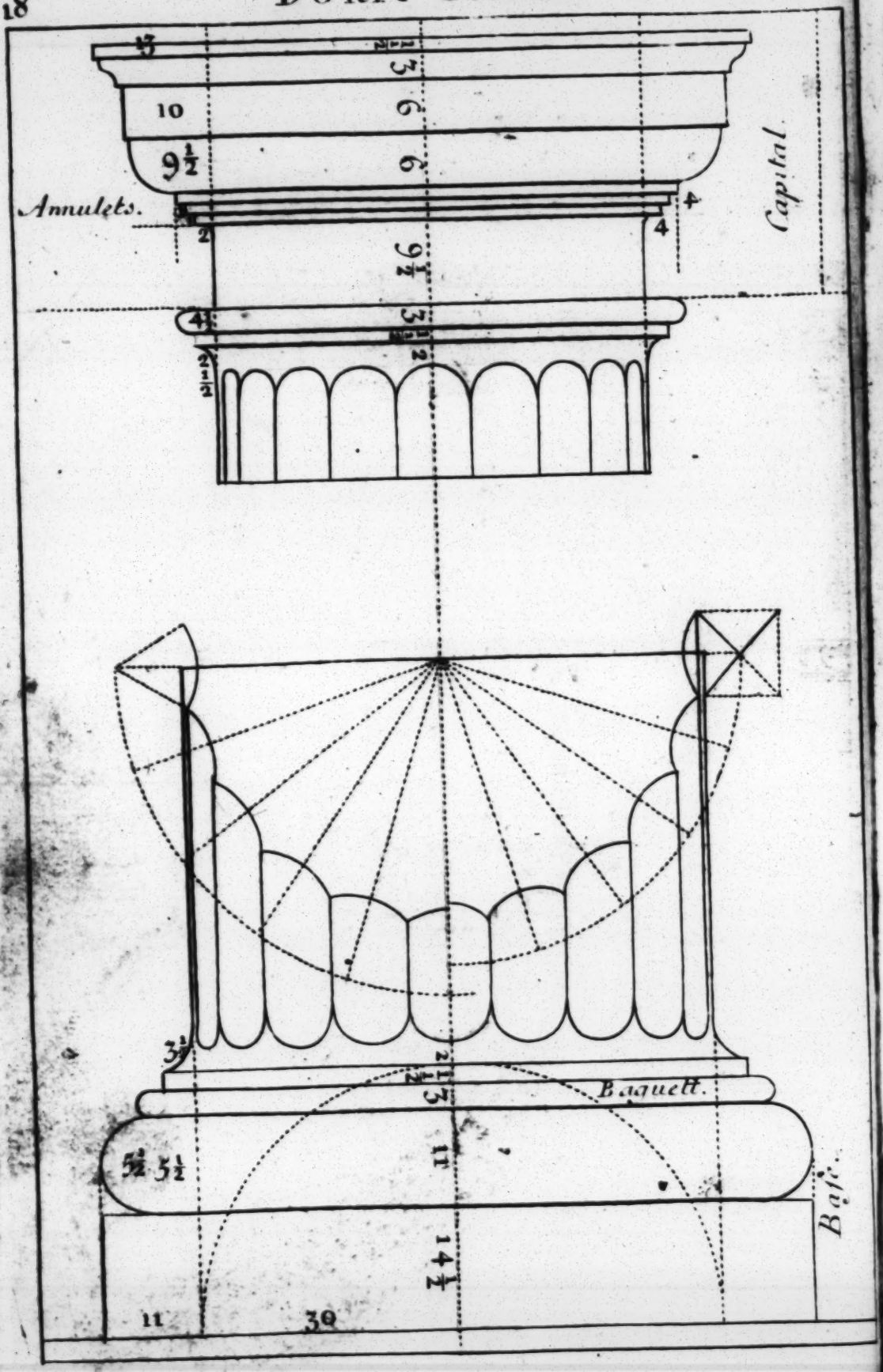


DORIC ORDER.

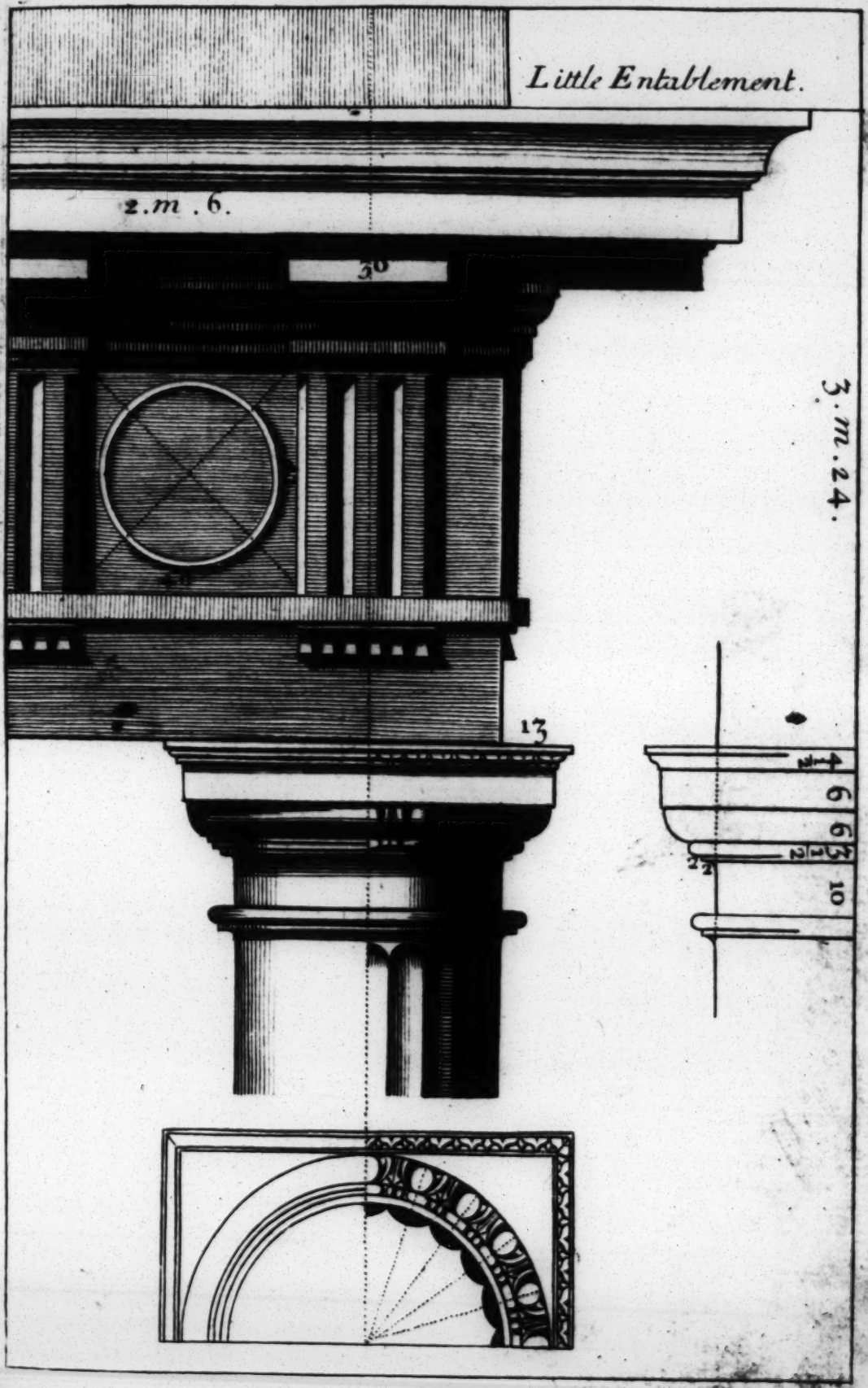
DORIC ORDER.


3 2 1 4 3 2 1 2 1
3.m.24
28 40
16.m.
19.m.24.
6.m.18.
8.m.24.
4.m.12.
11.m.
4.m.12.
3.m.24.
40 26
26
16.m.
15.m
19.m.24.
7.m 20.

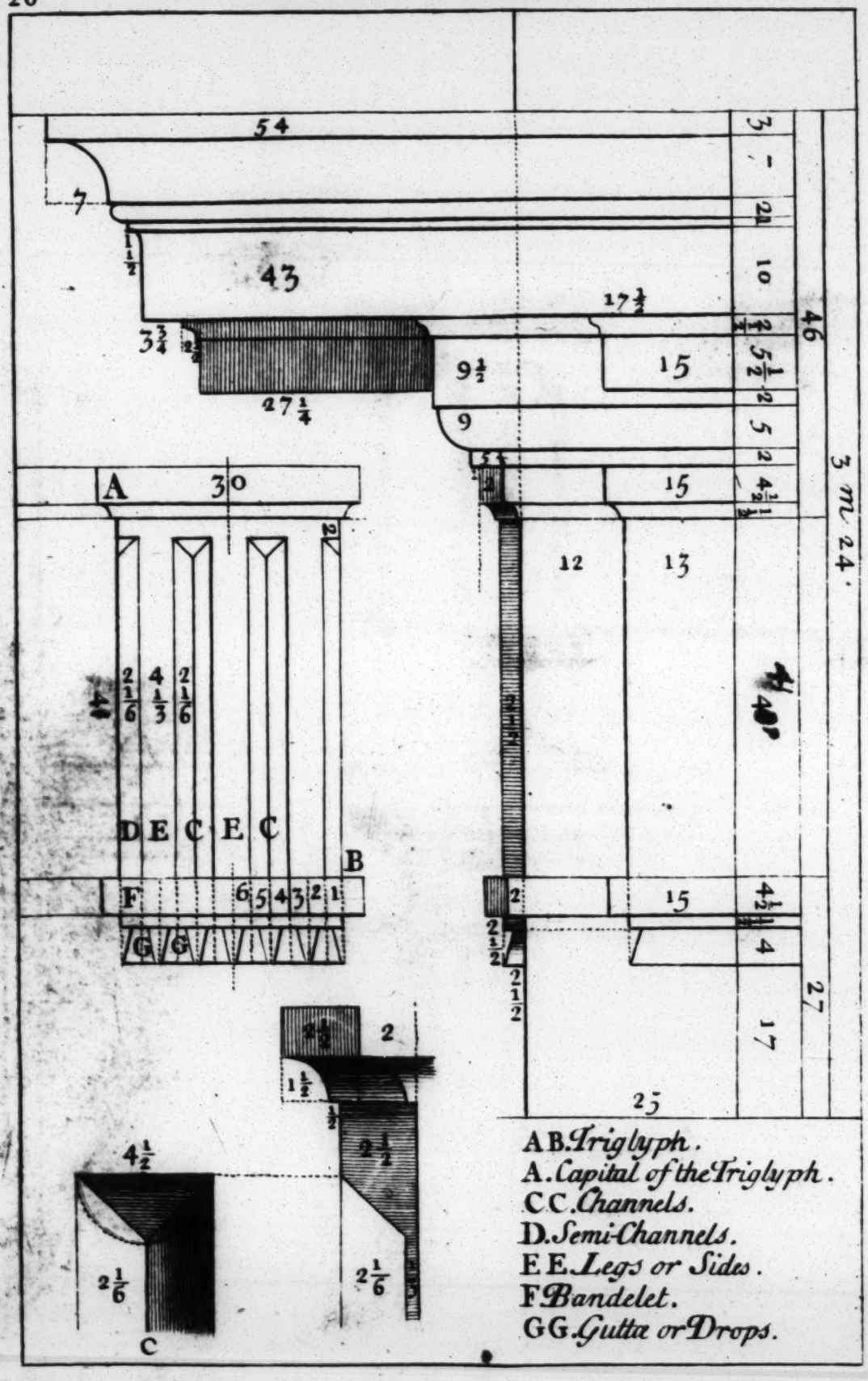
DORIC ORDER.



DORIC ORDER.

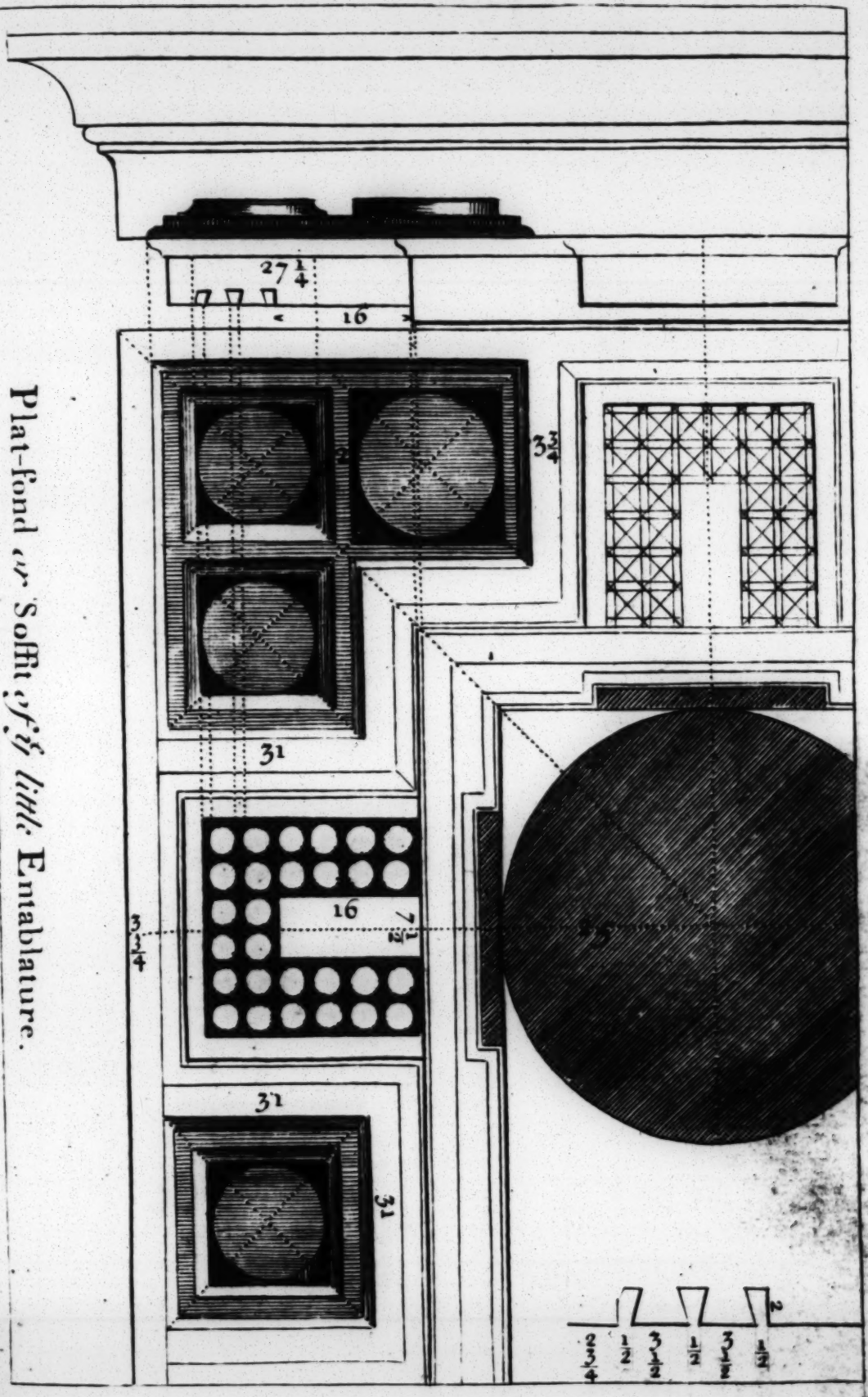


DORIC ORDER.



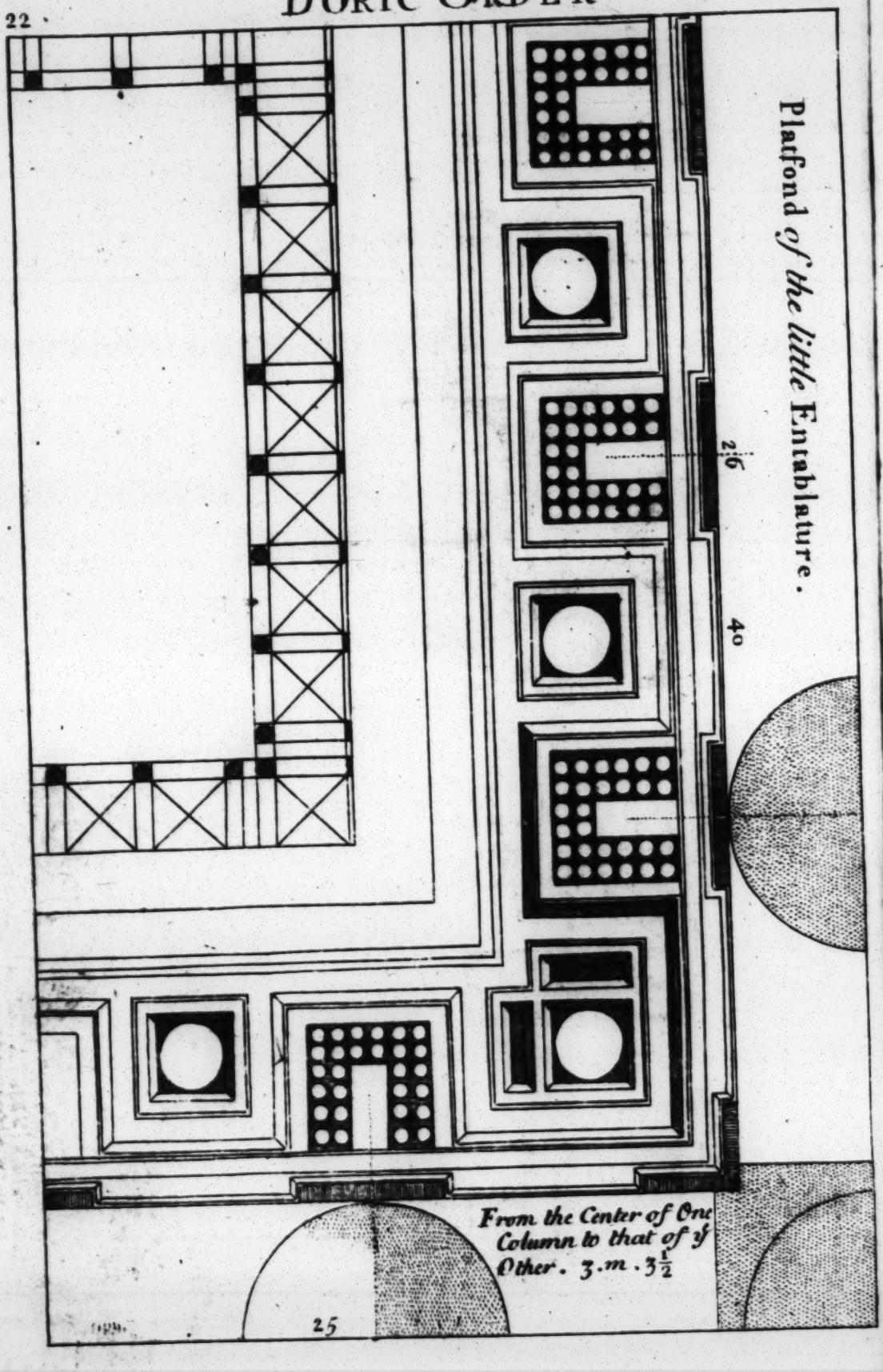
AB. *Triglyph.*
A. *Capital of the Triglyph.*
CC. *Channels.*
D. *Semi-Channels.*
EE. *Legs or Sides.*
F *Bandelet.*
GG. *Gutta or Drops.*

DORIC ORDER.

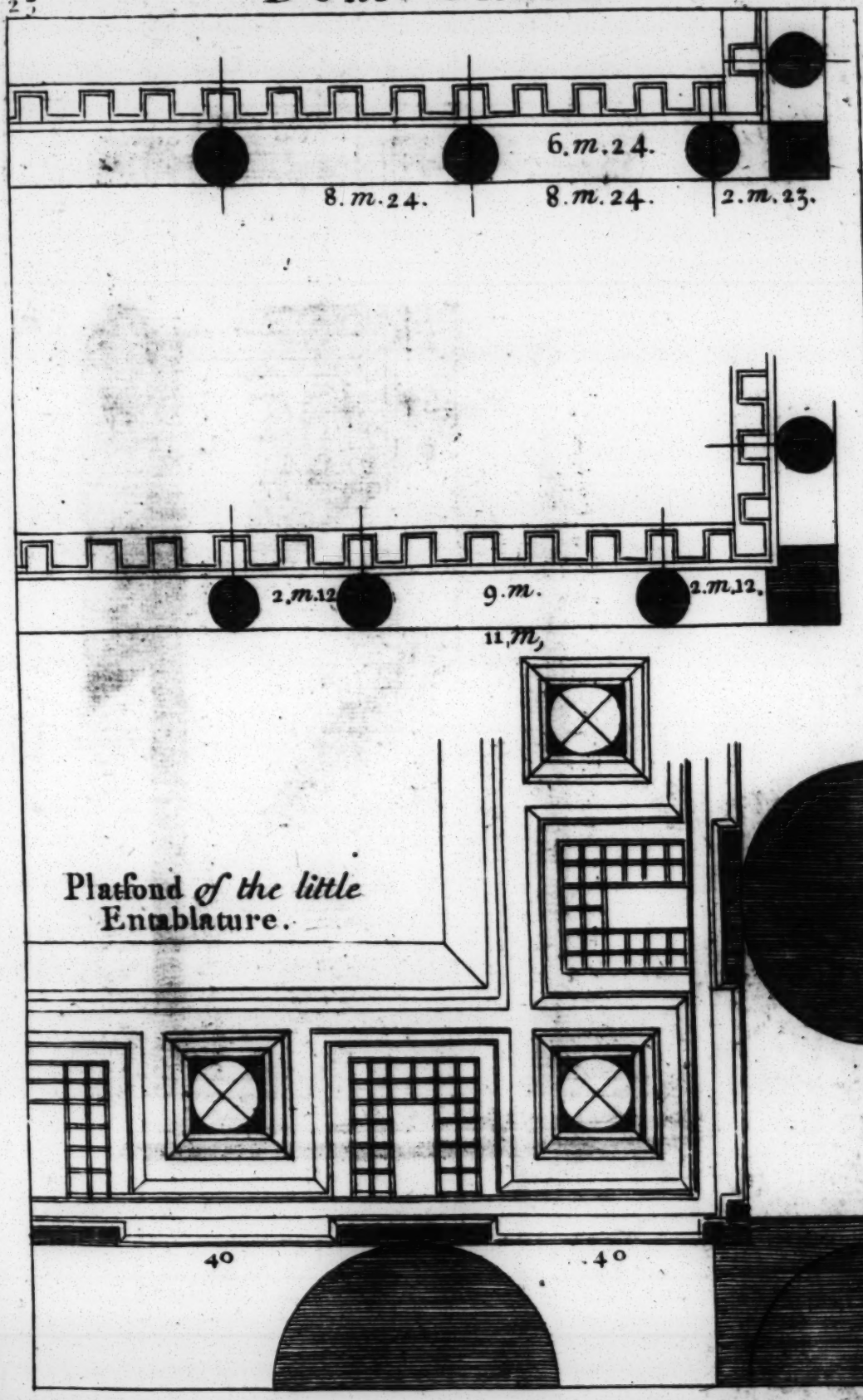


Plat-fond or Soffit of the little Entablature.

DORIC ORDER

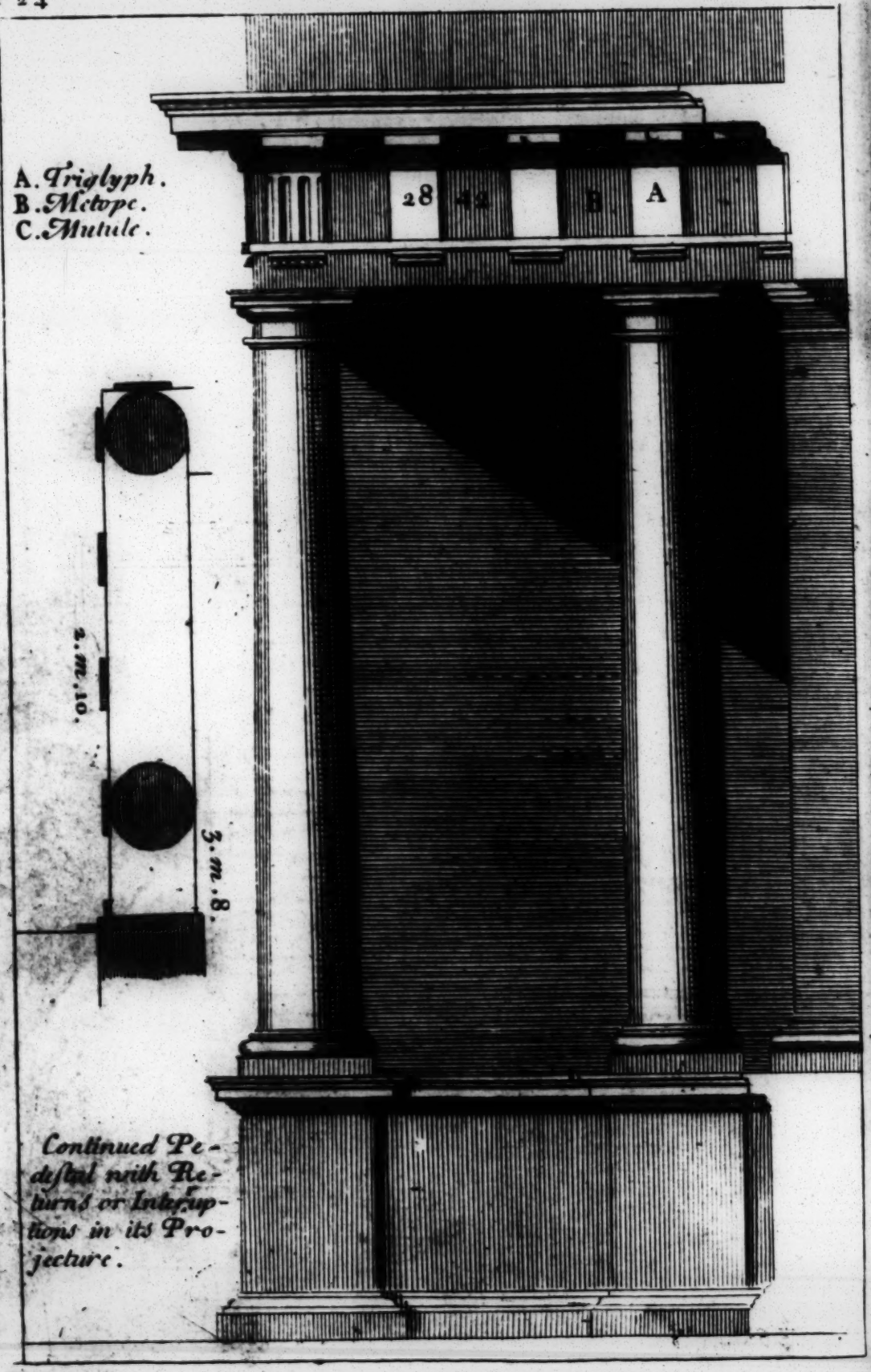

Platfond of the little Entablature.
26
40
From the Center of One Column to that of ye Other. 3.m.3½
25

DORIC ORDER.

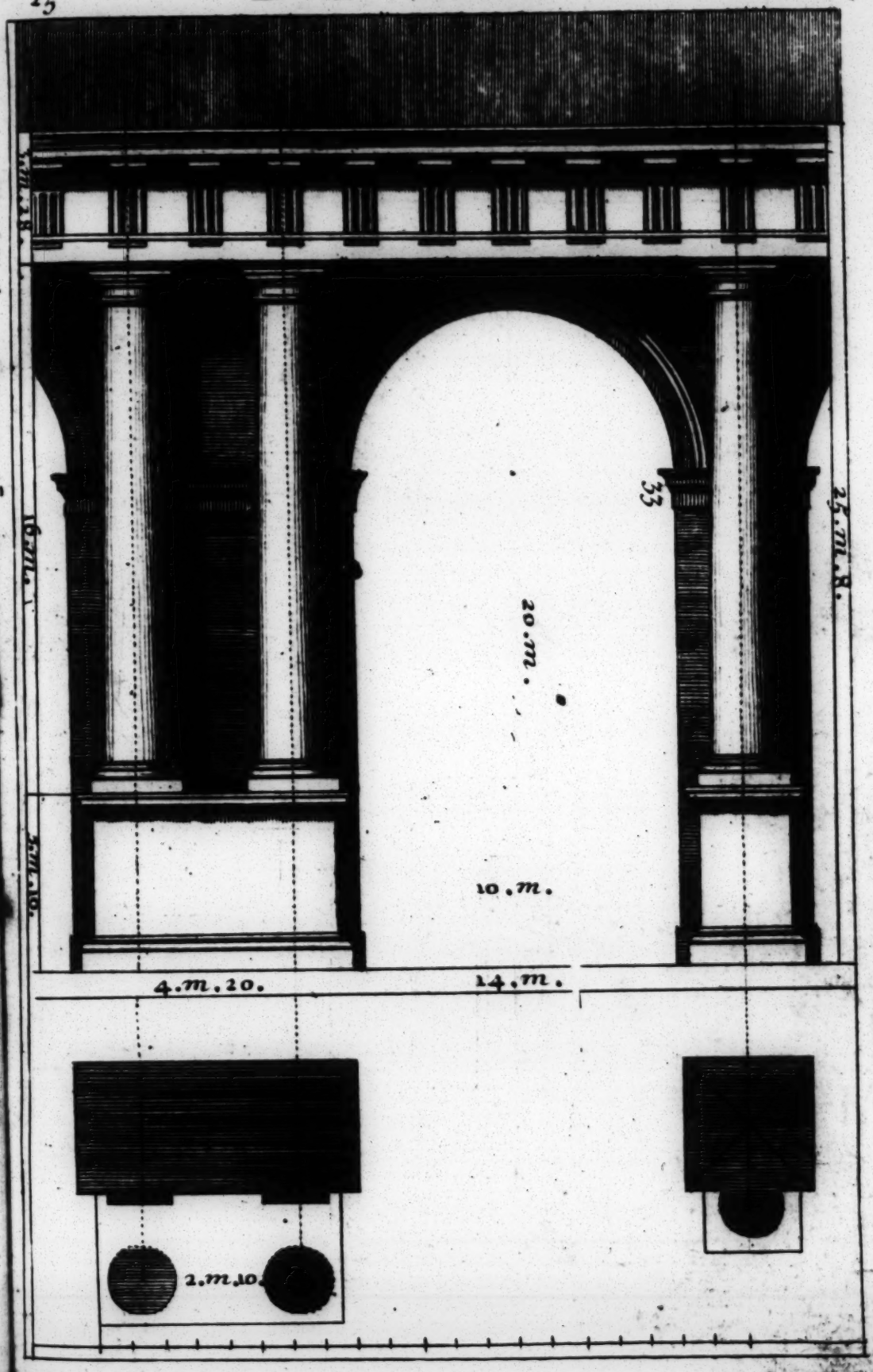


Platfond of the little Entablature.

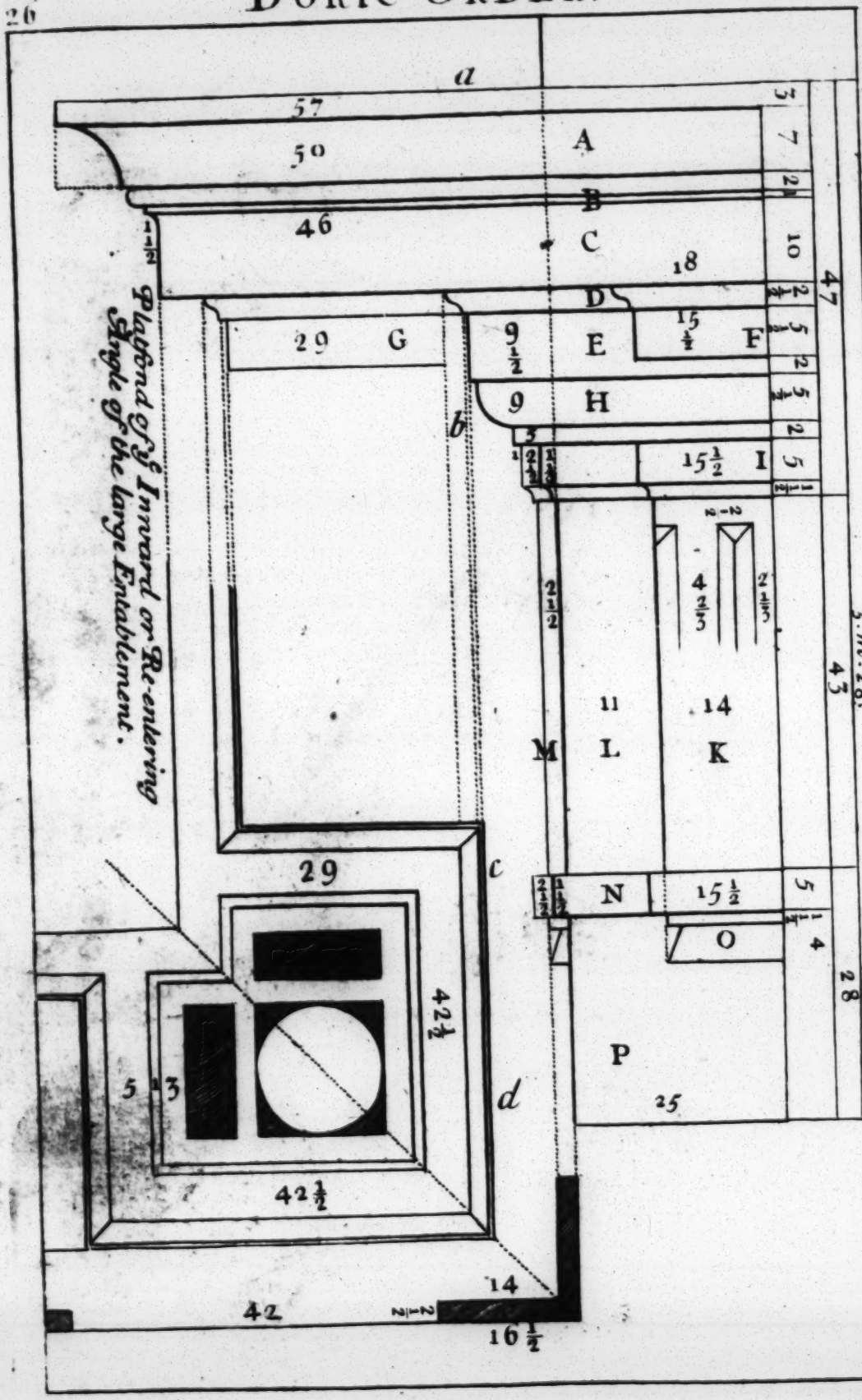
DORIC ORDER.

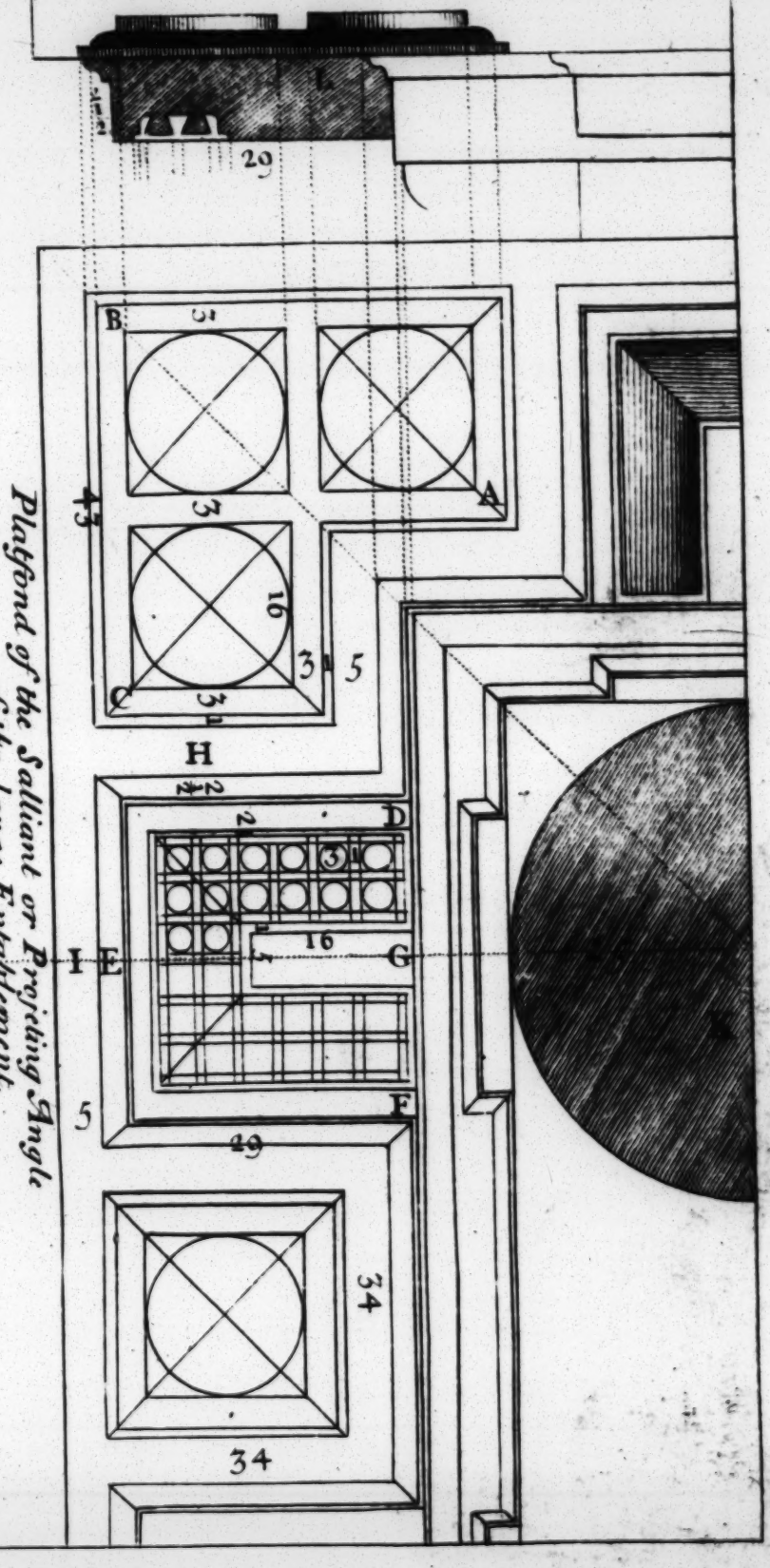

A. Triglyph.
B. Metope.
C. Mutule.
28
42
B
A
2. m. 10.
3. m. 8.
Continued Pedestal with Returns or Interruptions in its Projecture.

DORIC.ORDER.



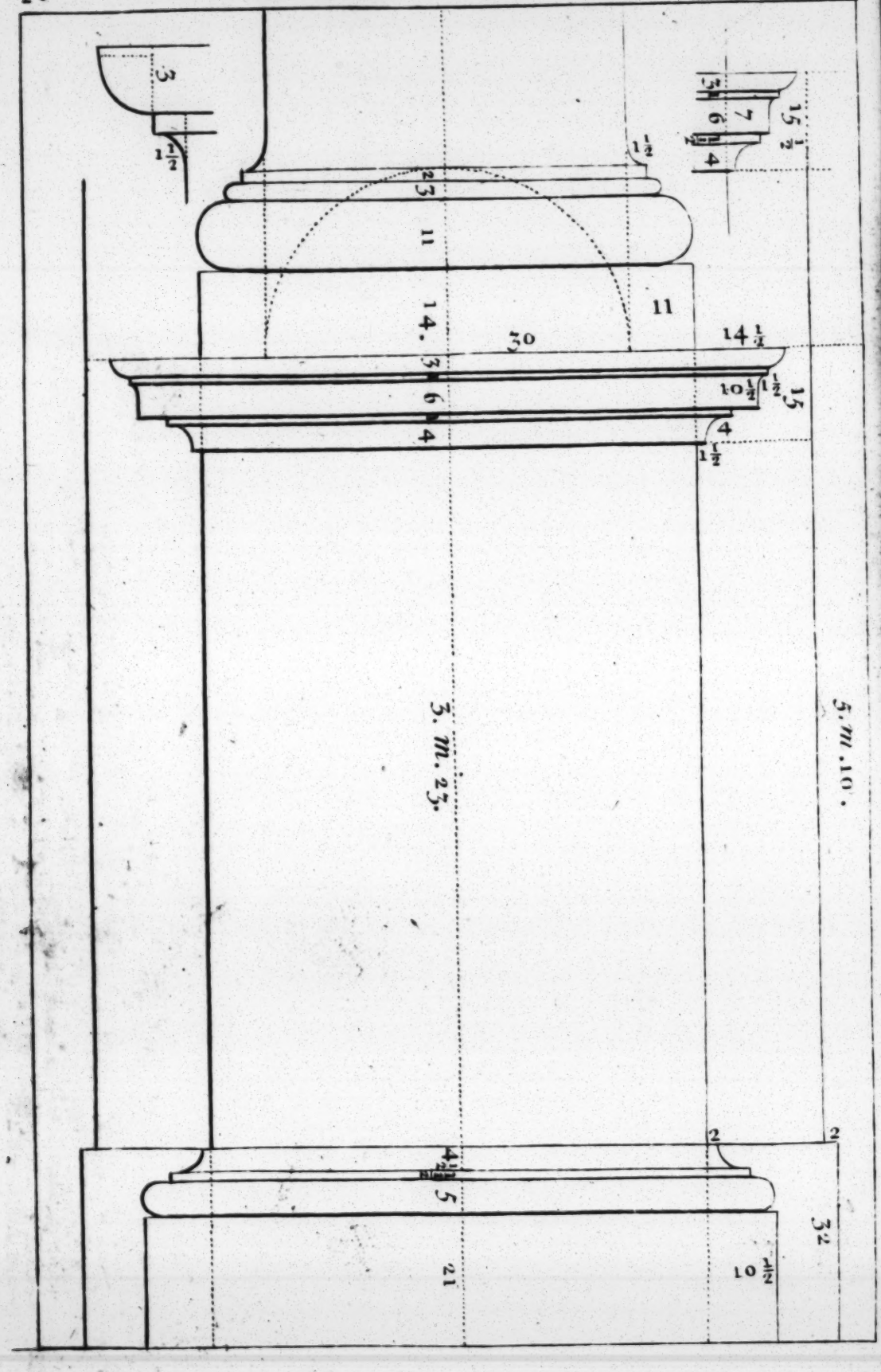
DORIC ORDER.

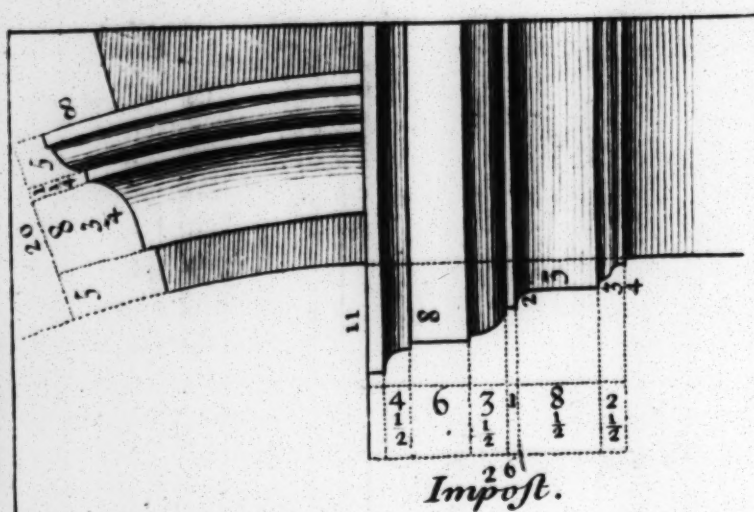

a
57
50
A
46
B
C
18
D
29
G
9½
E
15½
F
9
H
b
15½
I
47
3.M.28.
43
11
M
L
14
K
29
c
N
15½
O
28
P
25
42½
5
3
d
42½
14
42
16½
Plaffond of ye Inward or Re-entering
Angle of the large Entablement.

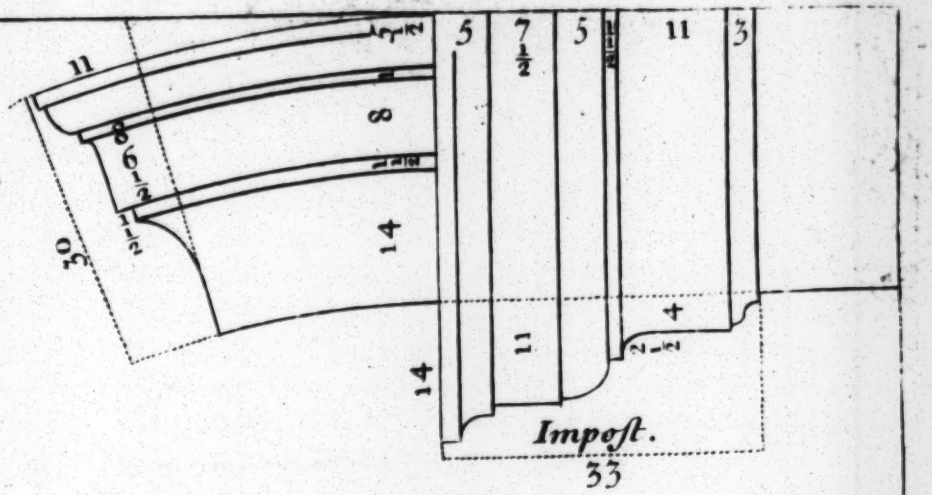


Platfond of the Salliant or Projecting Angle of the large Entablement.

DORIC ORDER.

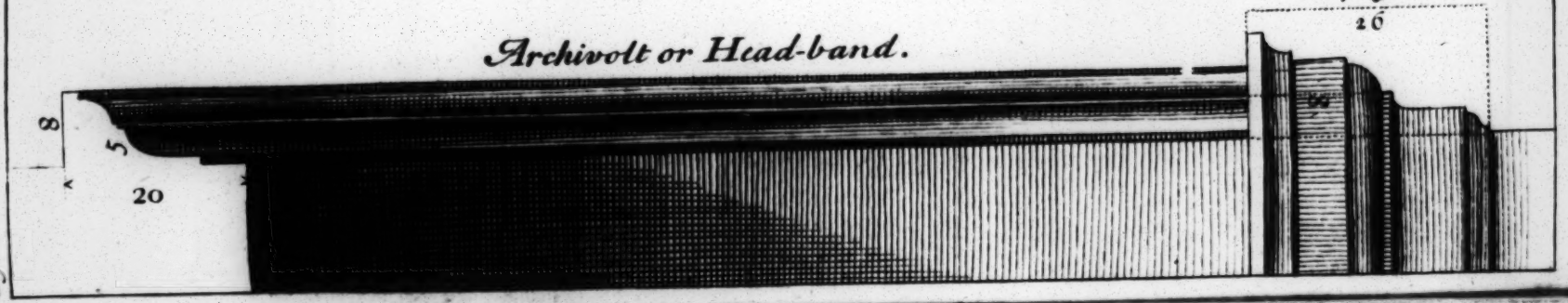

3
1½
3
6
7
15½
4
1½
23
11
14.
30
11
14½
3
6
4
10½
15
4
1½
3. m. 25.
5. m. 10.
2
2
4½
5
32
21
10½





Side of the Impost.

Archivolt or Head-band.



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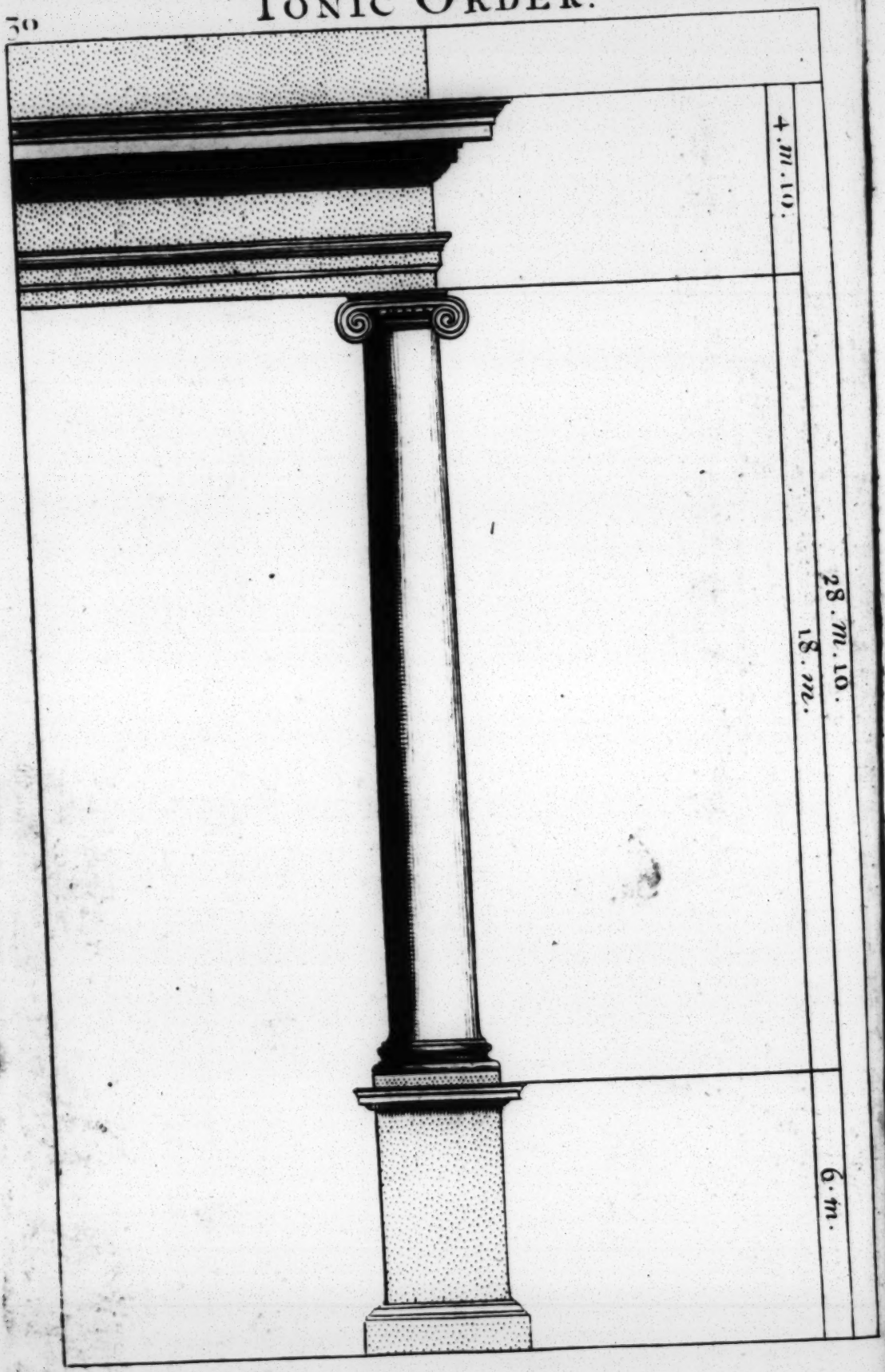

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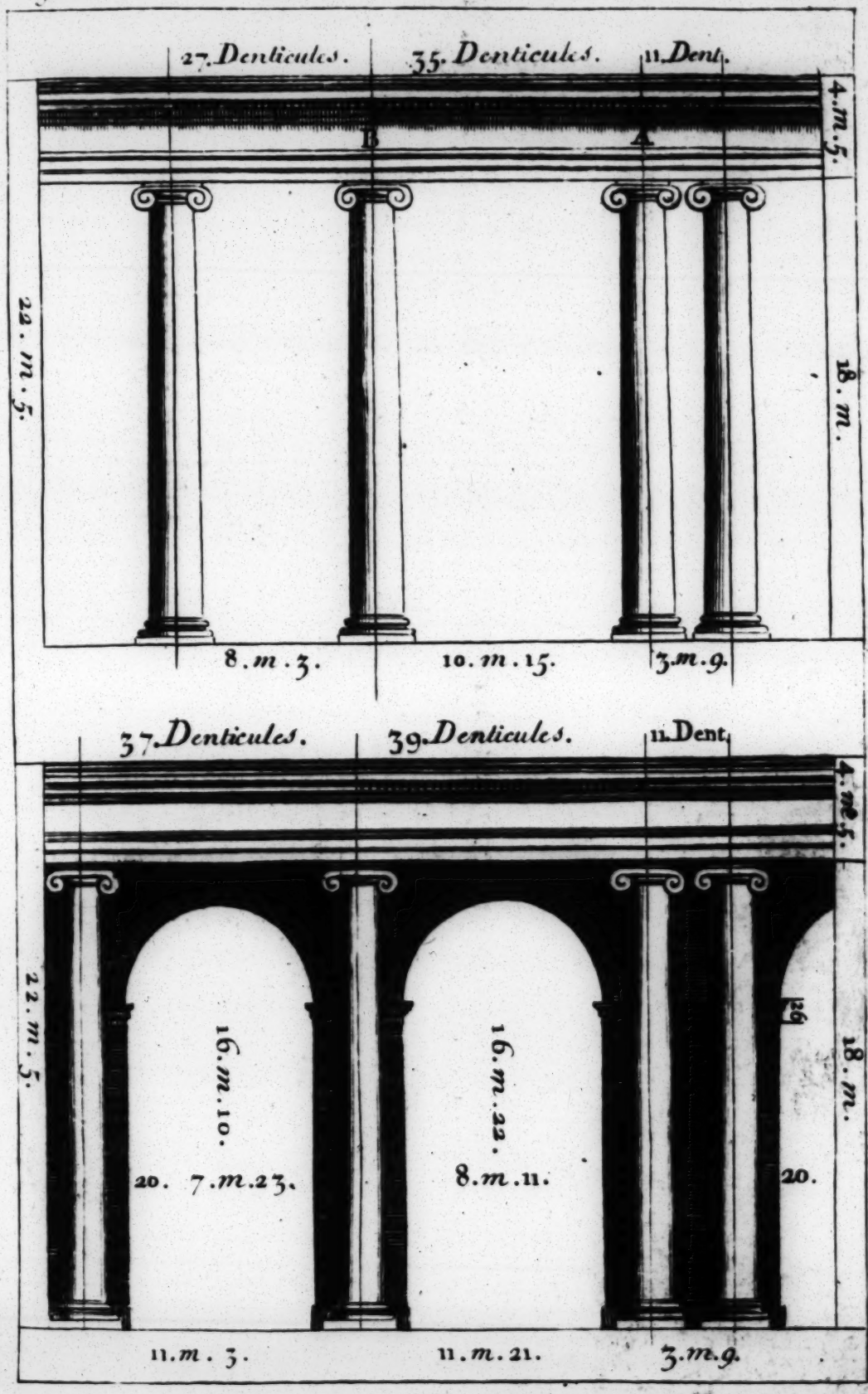
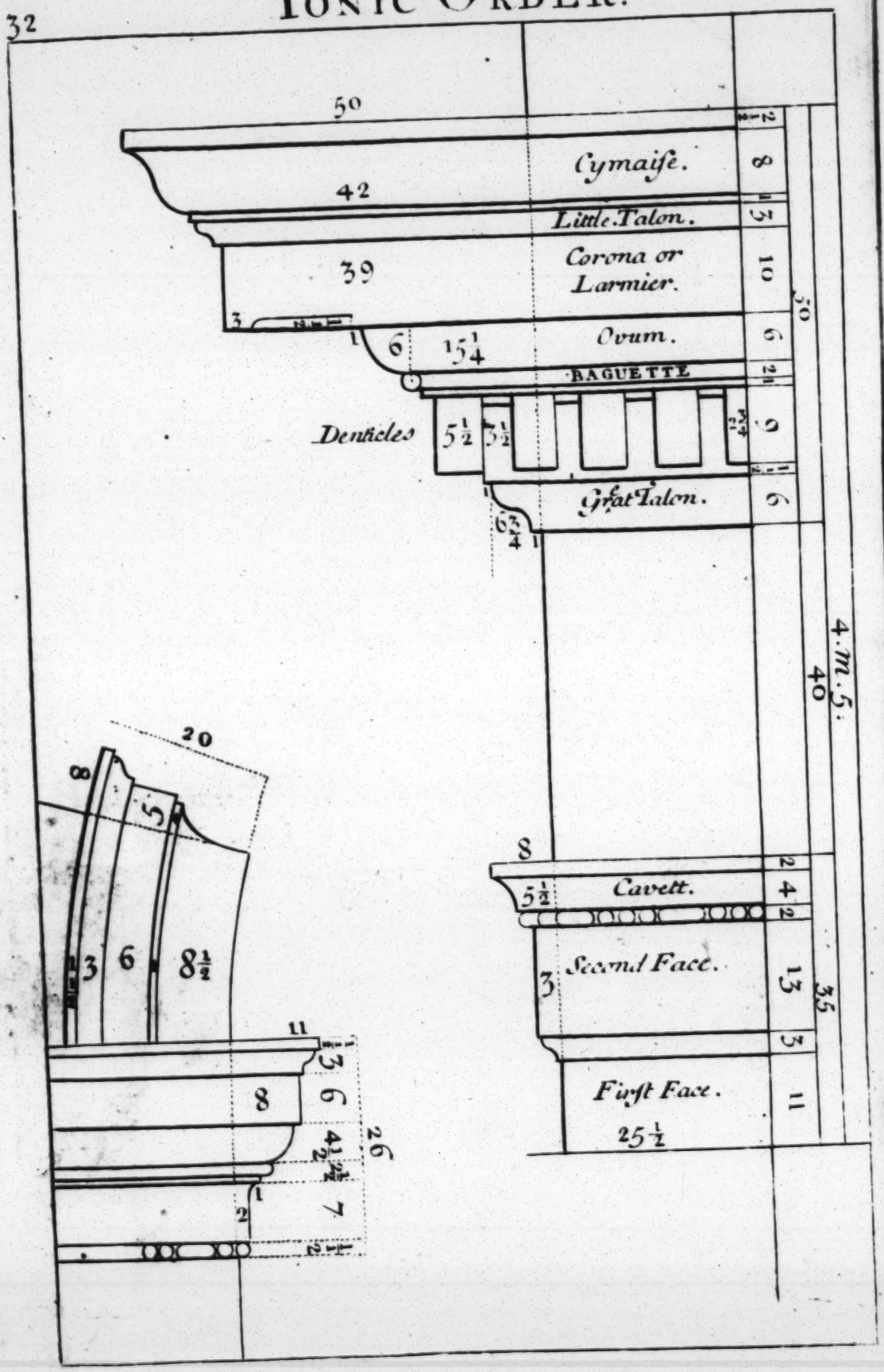
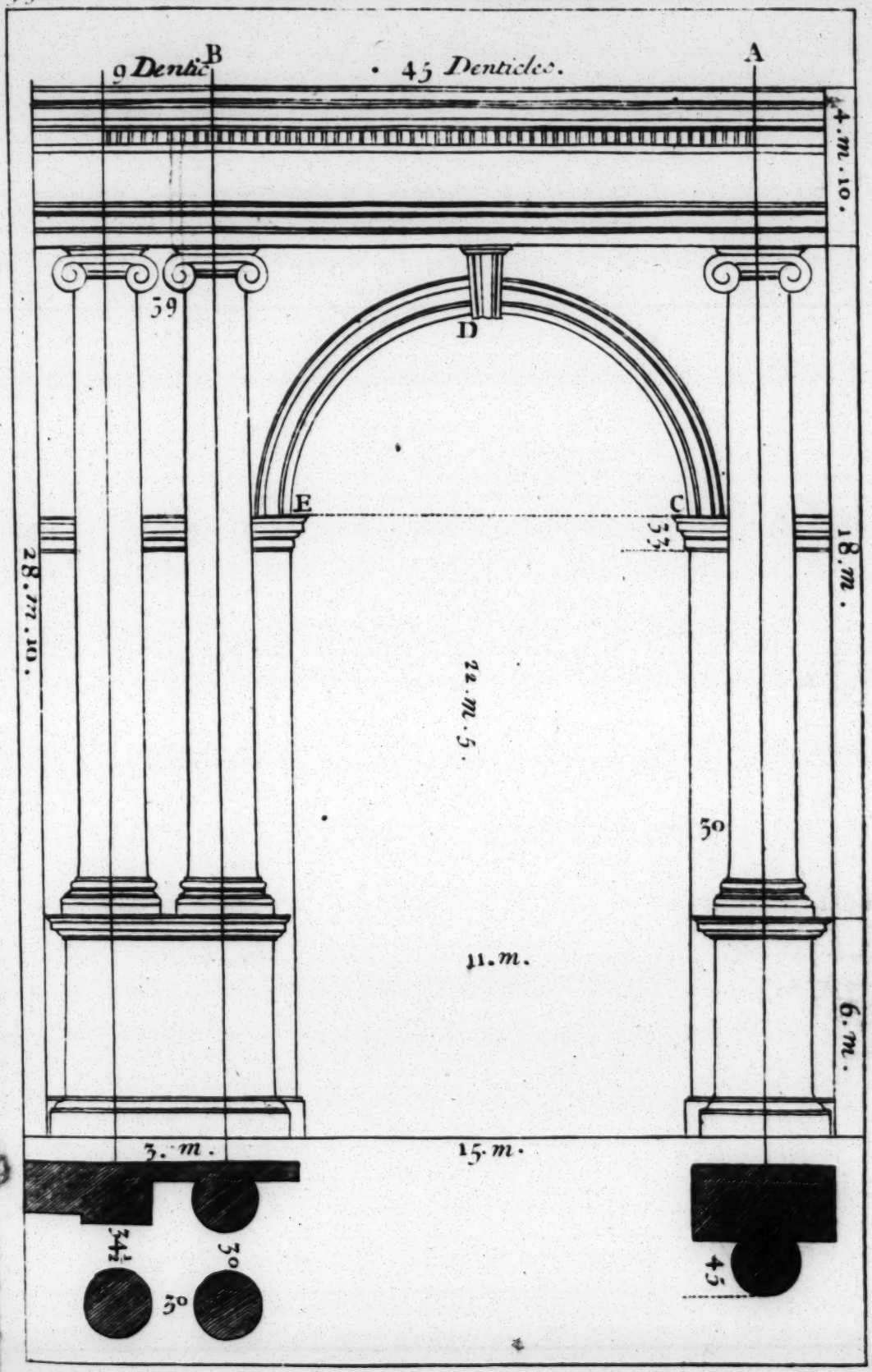

27. Denticules.
35. Denticules.
11. Dent.
4. m. 5.
B
A
22. m. 5.
18. m.
8. m. 3.
10. m. 15.
3. m. 9.
37. Denticules.
39. Denticules.
11. Dent.
4. m. 5.
22. m. 5.
16. m. 10.
20. 7. m. 23.
16. m. 22.
8. m. 11.
29
20.
18. m.
11. m. 3.
11. m. 21.
3. m. 9.

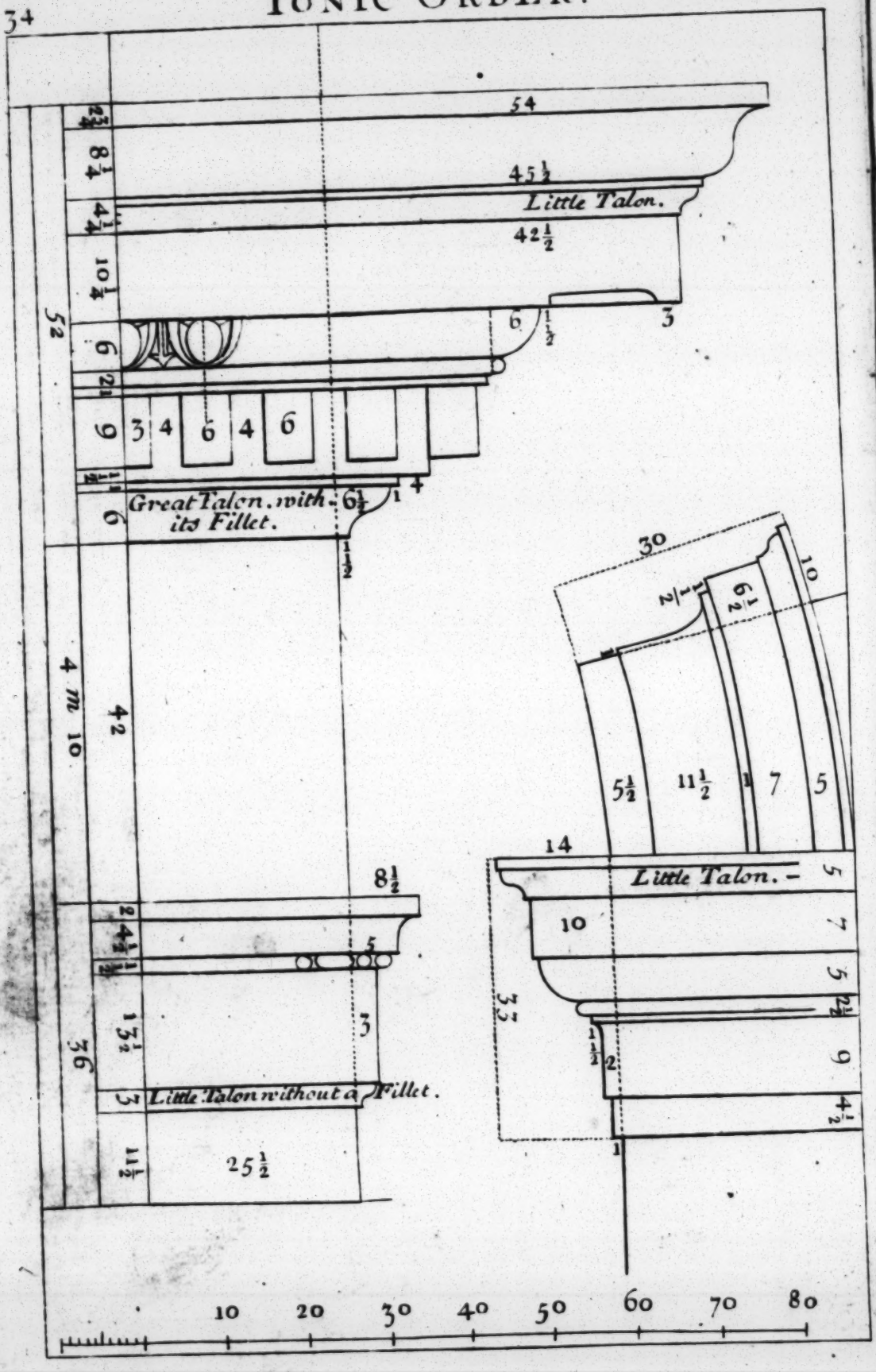
IONIC ORDER.


50
42
39
Cymaise.
Little Talon.
Corona or Larmier.
Ovum.
BAGUETTE
Denticles
Great Talon.
Cavett.
Second Face.
First Face.
4. M. 5.
40
35
20
26

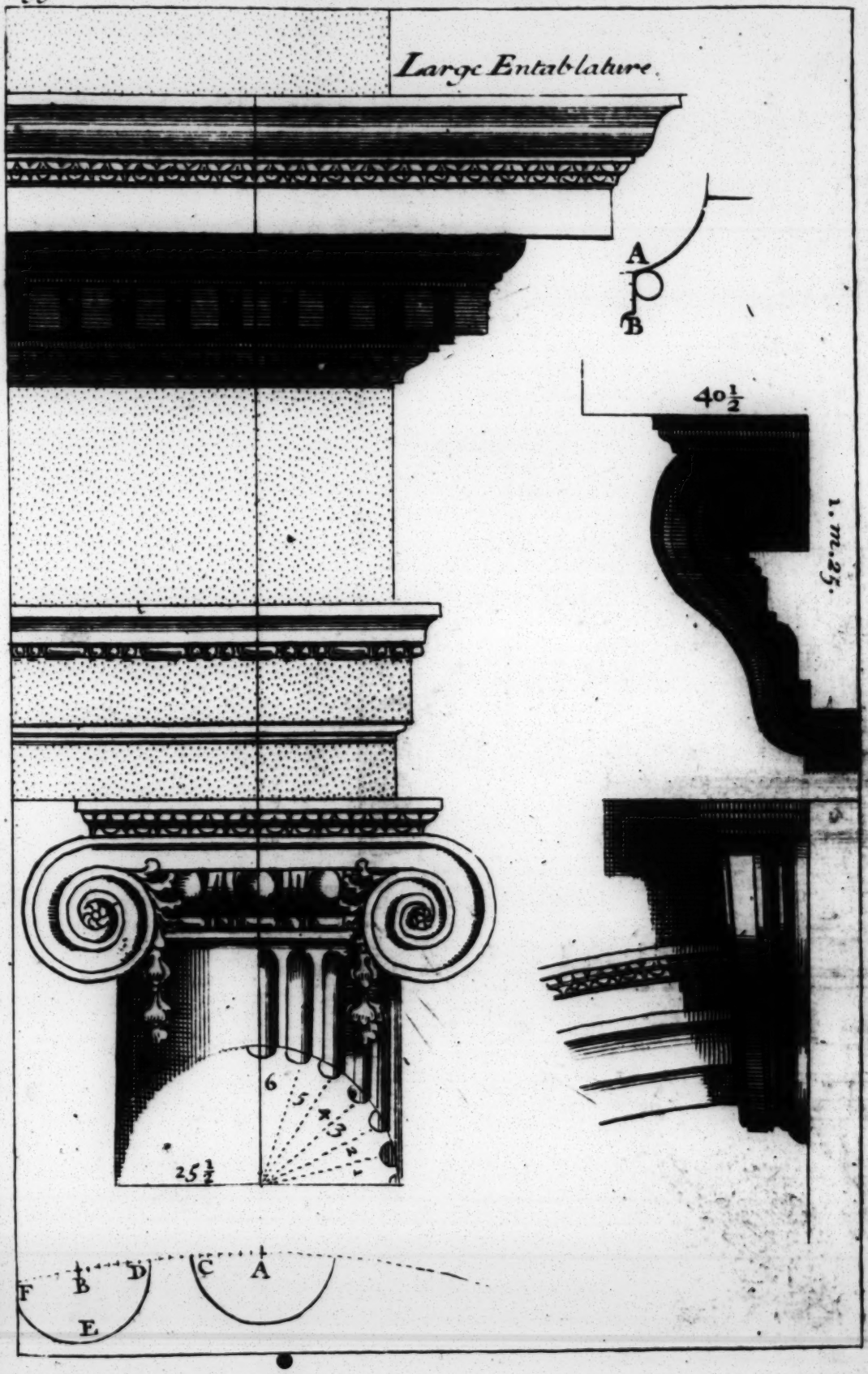
IONIC ORDER.


9 Dentic
B
45 Denticles.
A
4. m. 10.
39
D
E
C
33
28. m. 10.
18. m.
22. m. 5.
30
11. m.
6. m.
3. m.
15. m.
34½
30
30
45

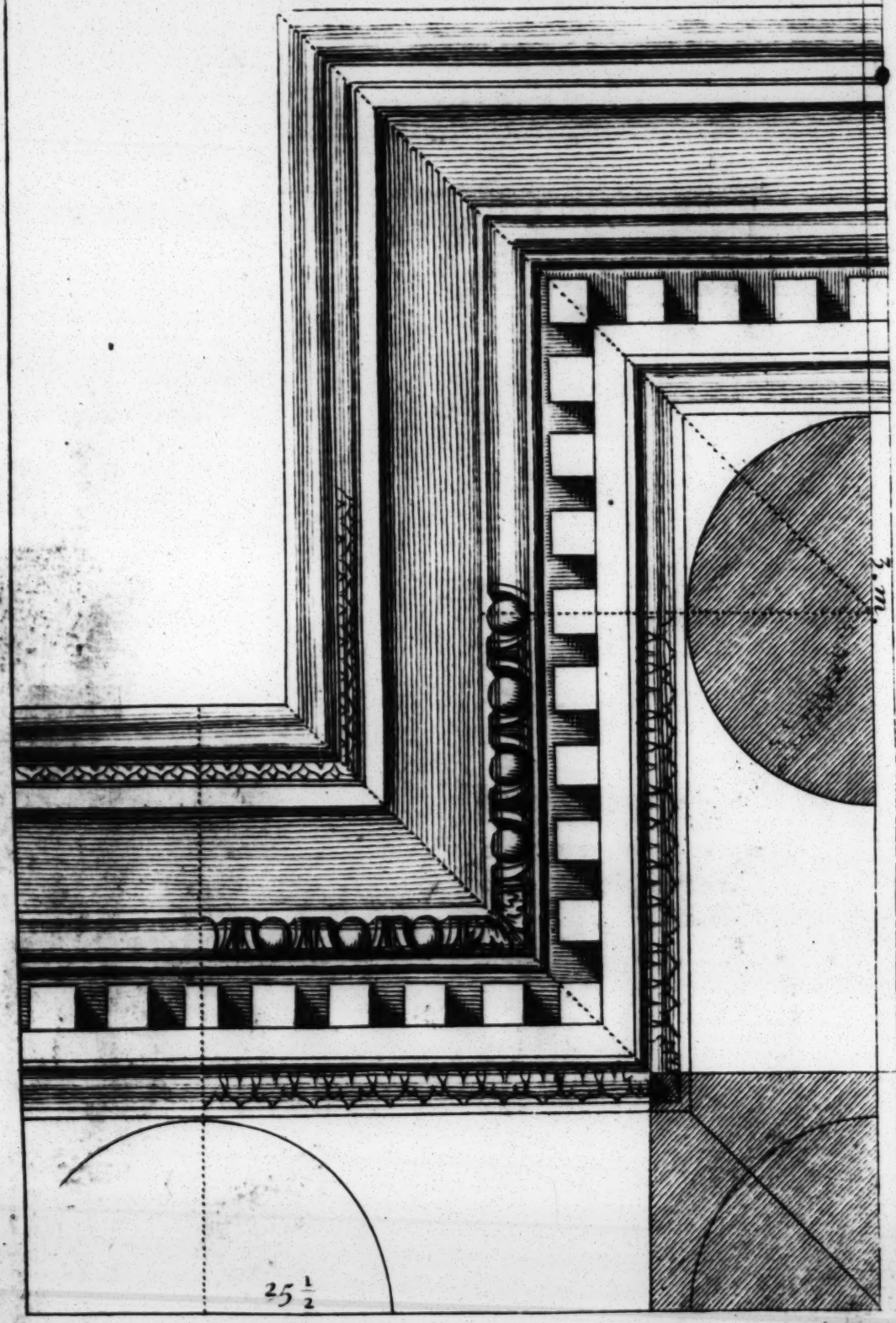
IONIC ORDER.


54
45½
Little Talon.
42½
52
6
3
Great Talon, with its Fillet.
30
10
14
Little Talon.
Little Talon without a Fillet.
4 m 10
42
36
33
10 20 30 40 50 60 70 80

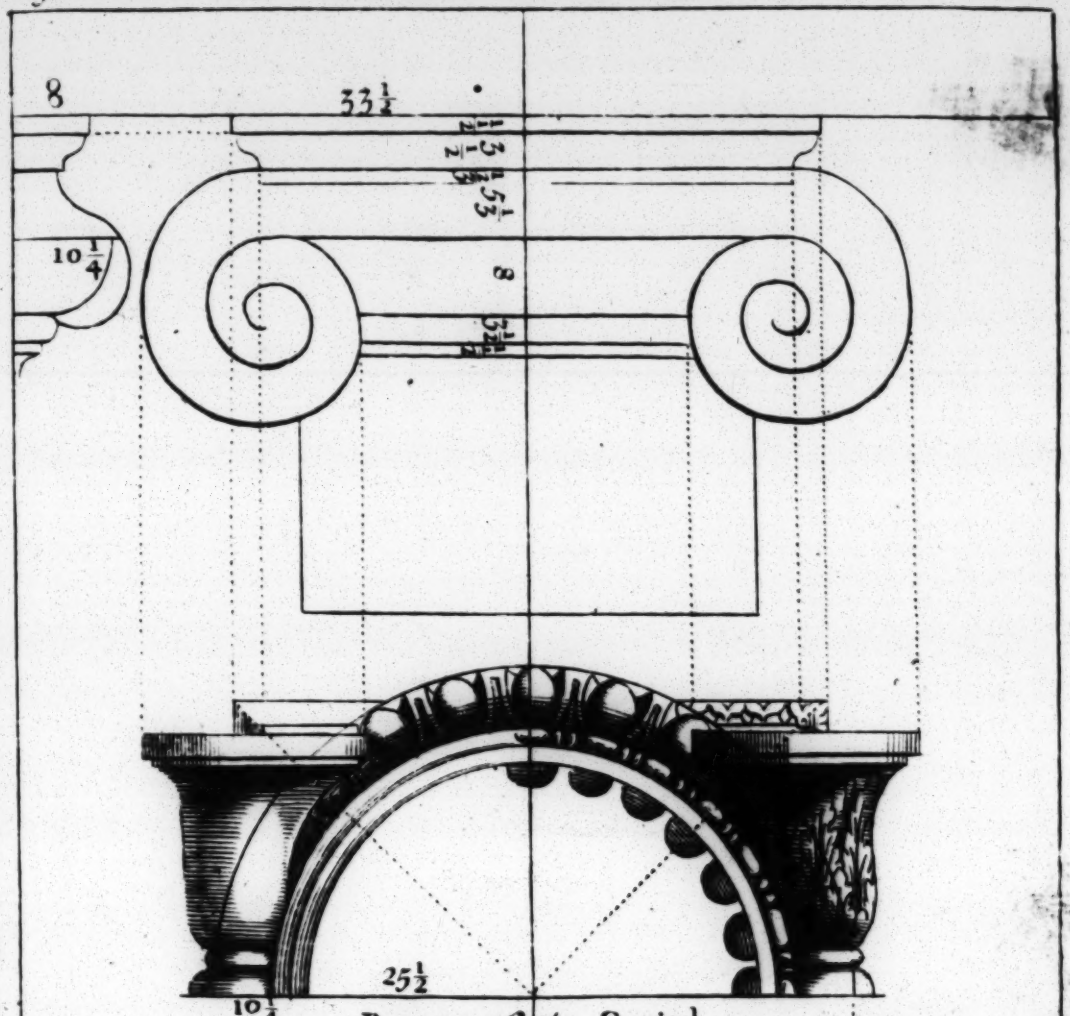
IONIC. ORDER.



Plat-fond or Soffit *of ye great.* Entablement.

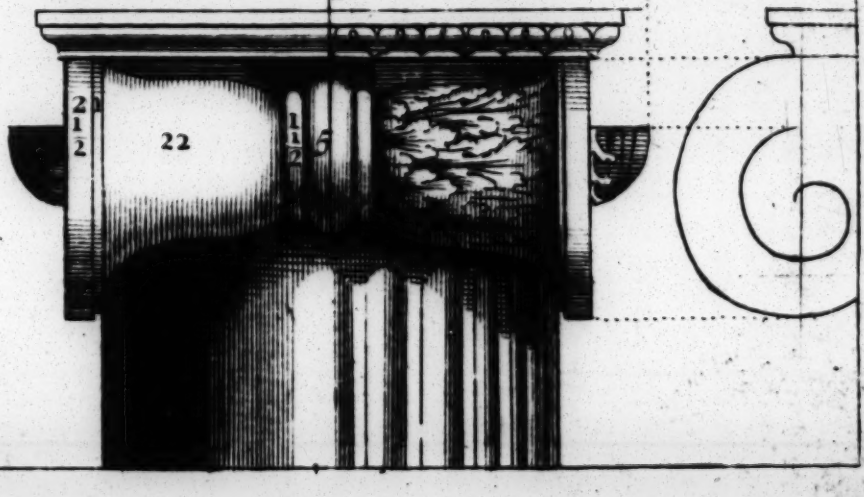


IONIC ORDER

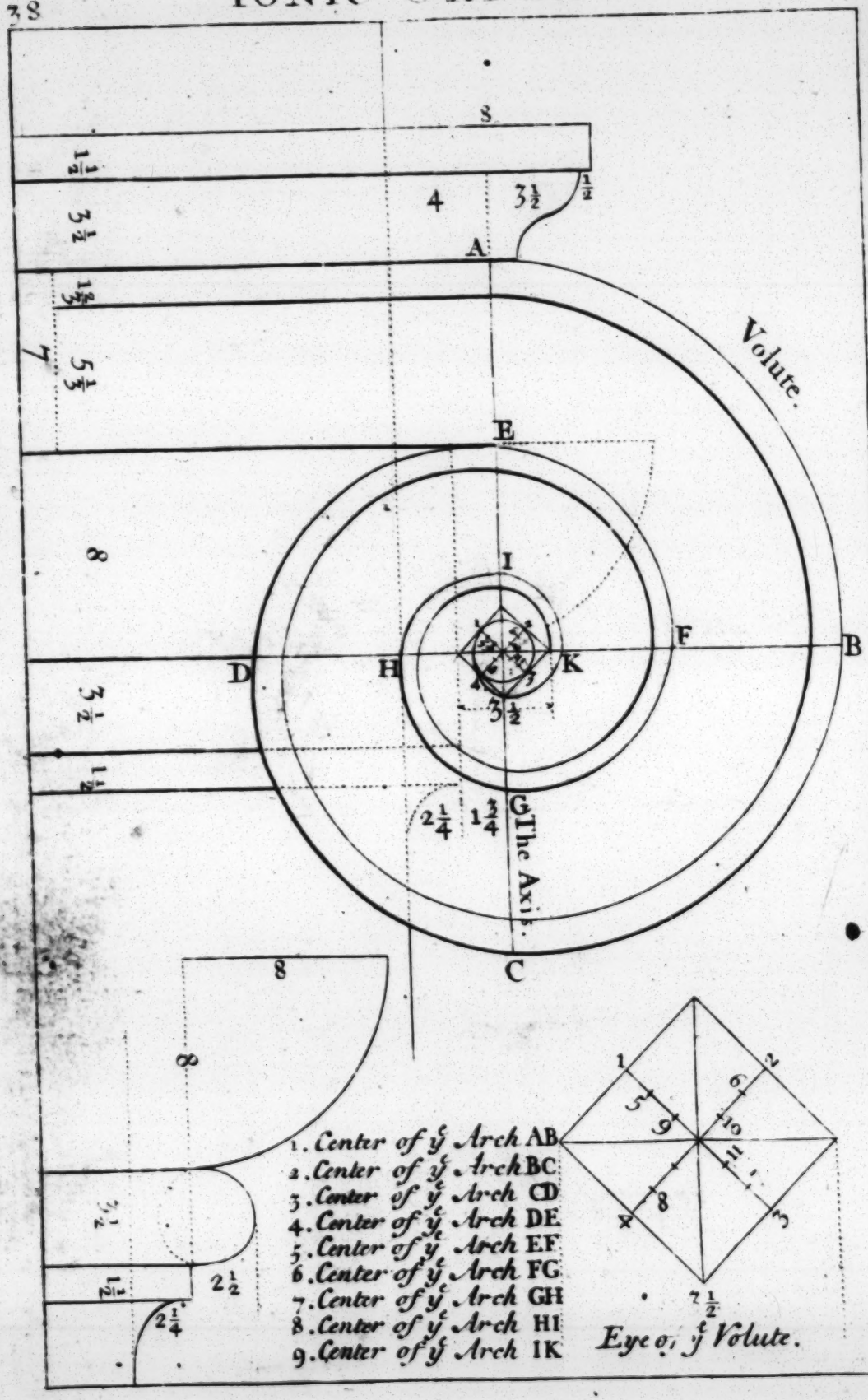


Bottom *of the* Capital.

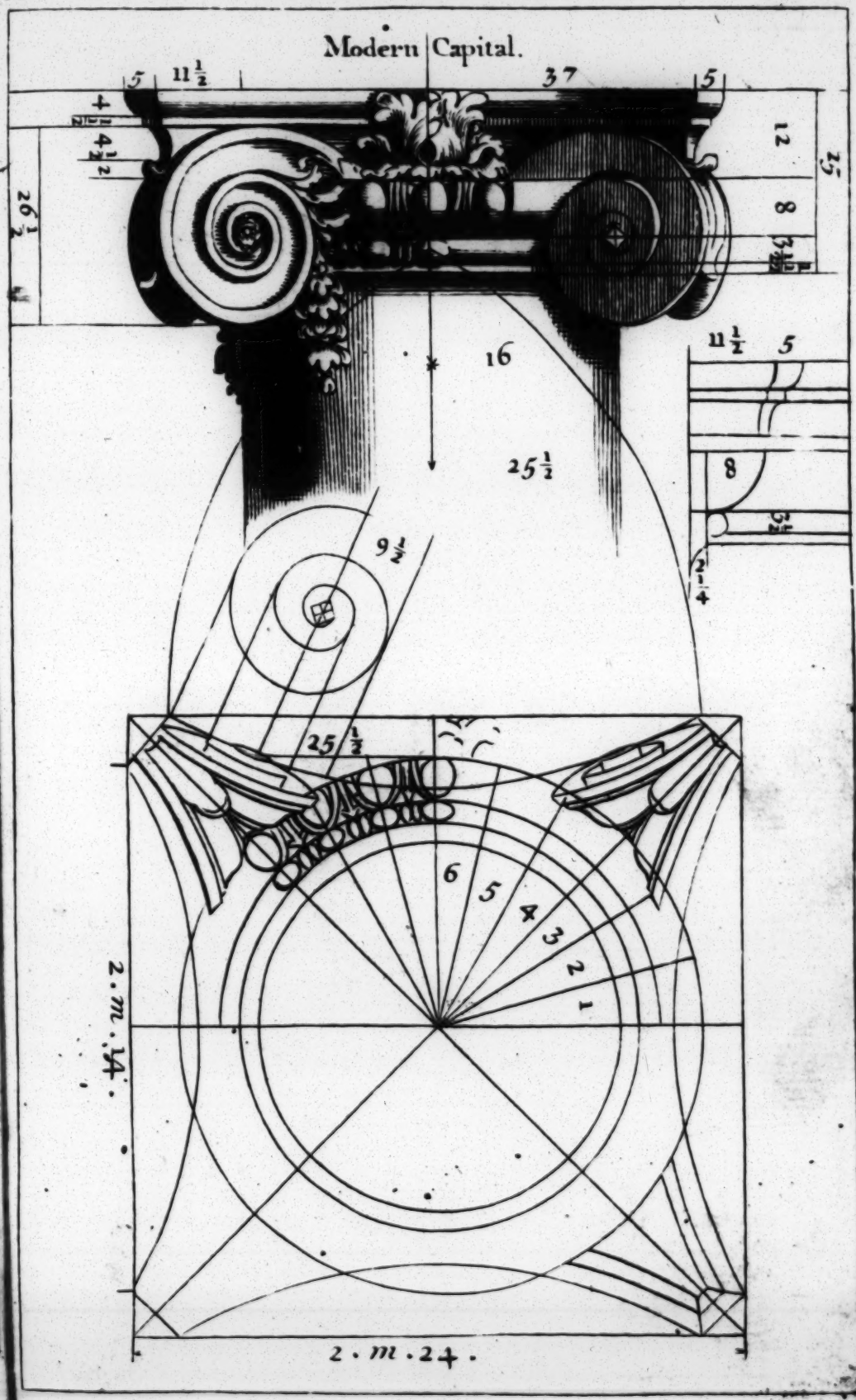
Baluſter *or Side of the* Capital.



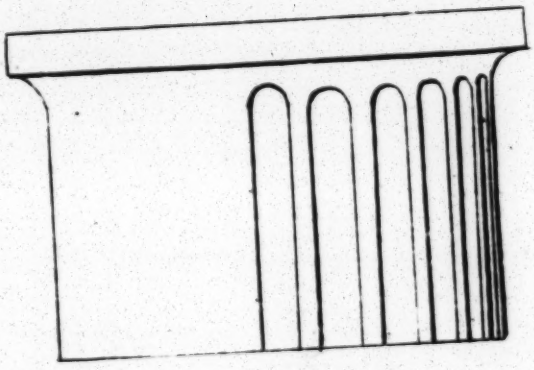
IONIC ORDER.

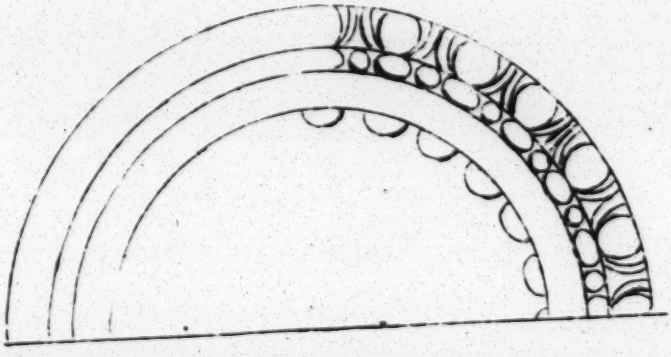

8
4
A
Volute.
E
I
F
B
D
H
K
G
The Axis.
C
1. Center of y^e Arch AB
2. Center of y^e Arch BC
3. Center of y^e Arch CD
4. Center of y^e Arch DE
5. Center of y^e Arch EF
6. Center of y^e Arch FG
7. Center of y^e Arch GH
8. Center of y^e Arch HI
9. Center of y^e Arch IK
Eye of y^e Volute.

Modern Capital.

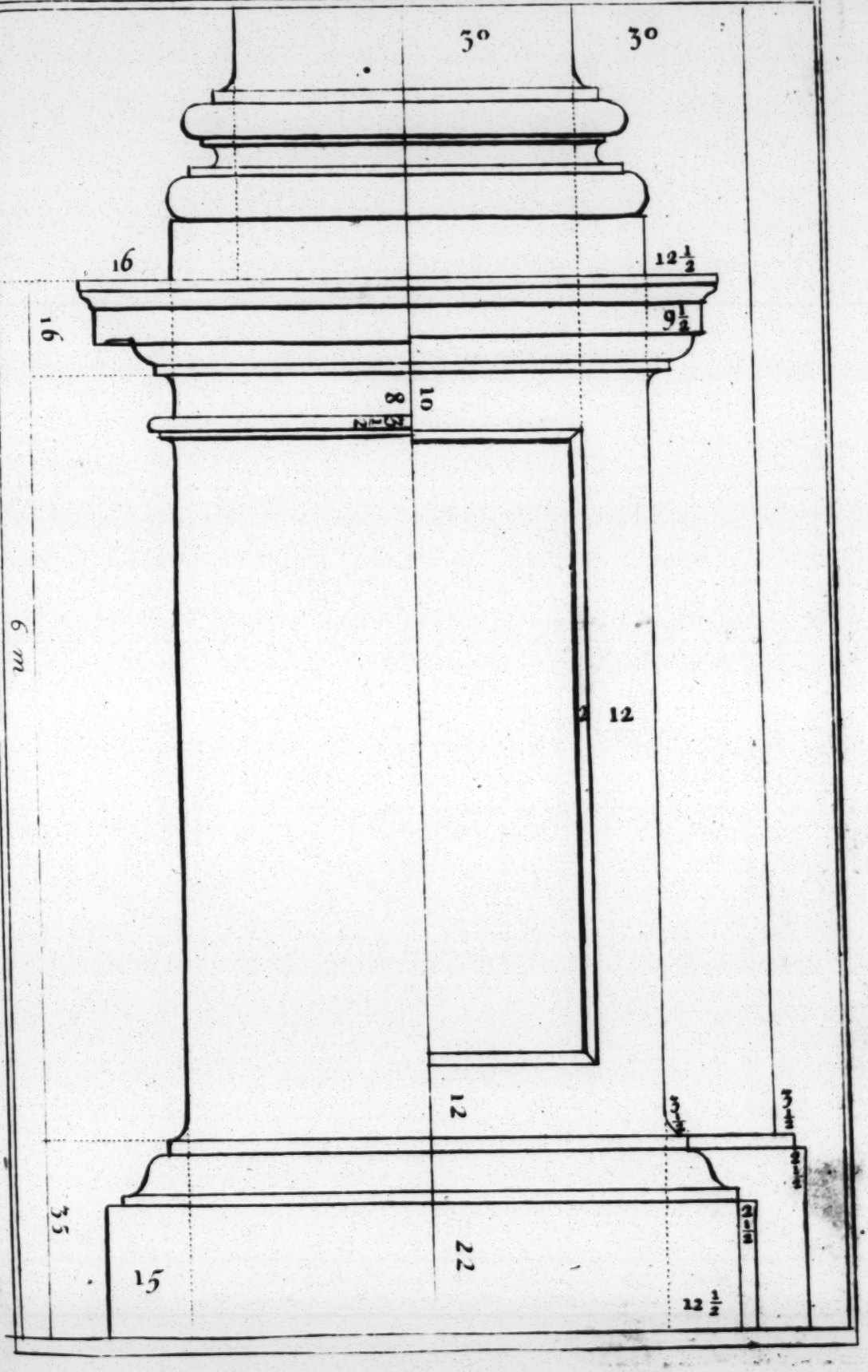


IONIC ORDER.

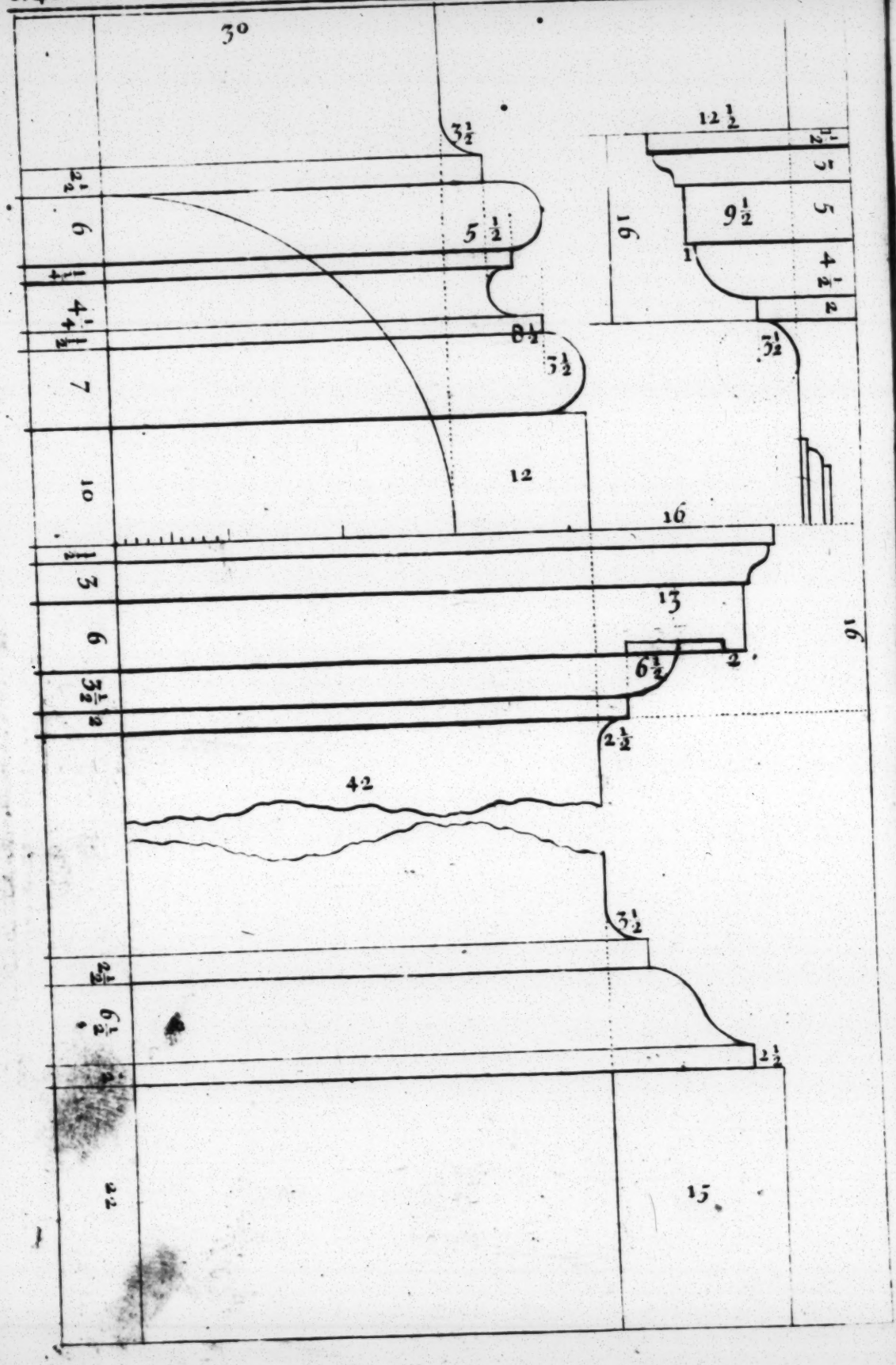




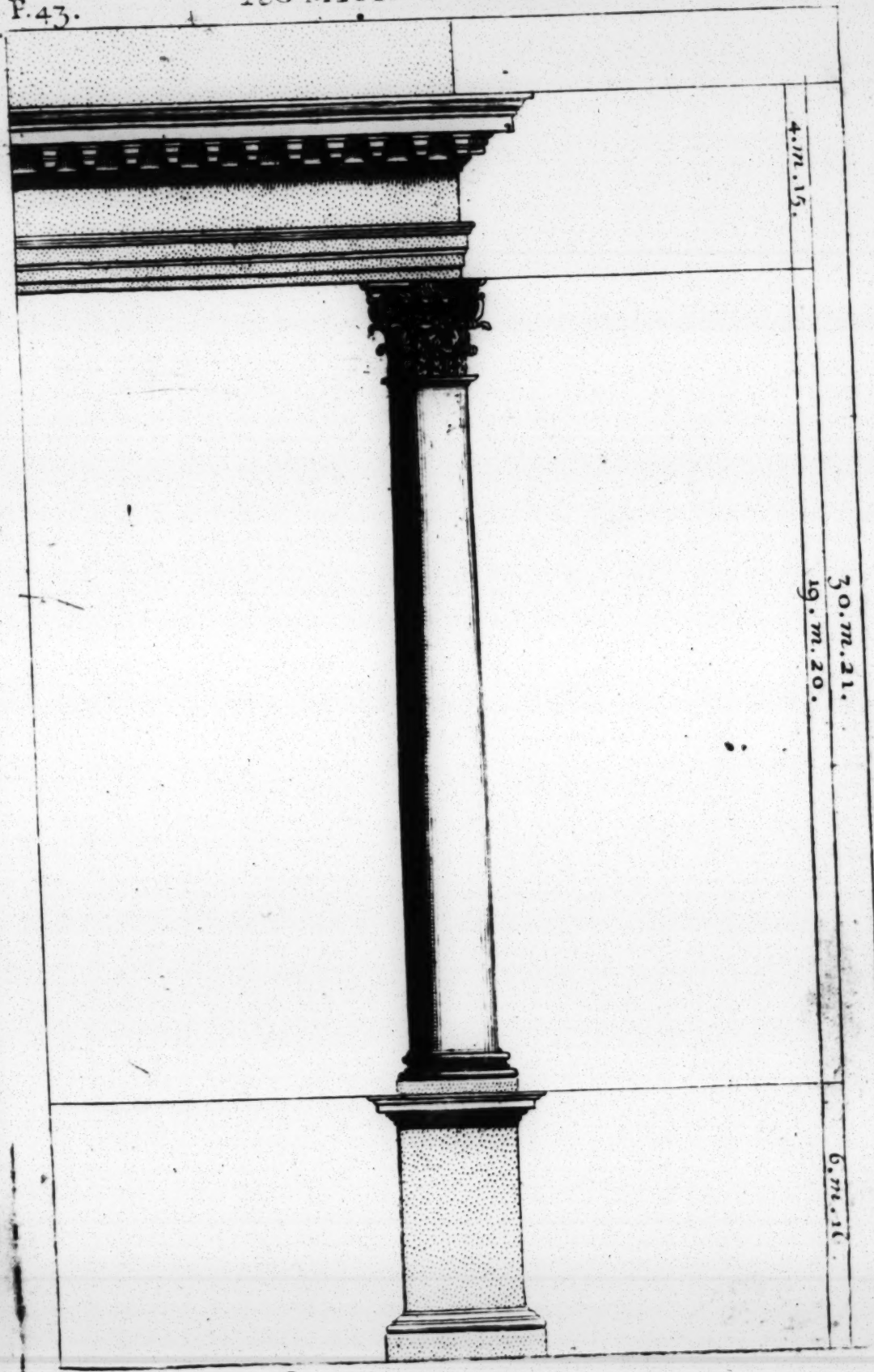
IONIC ORDER.



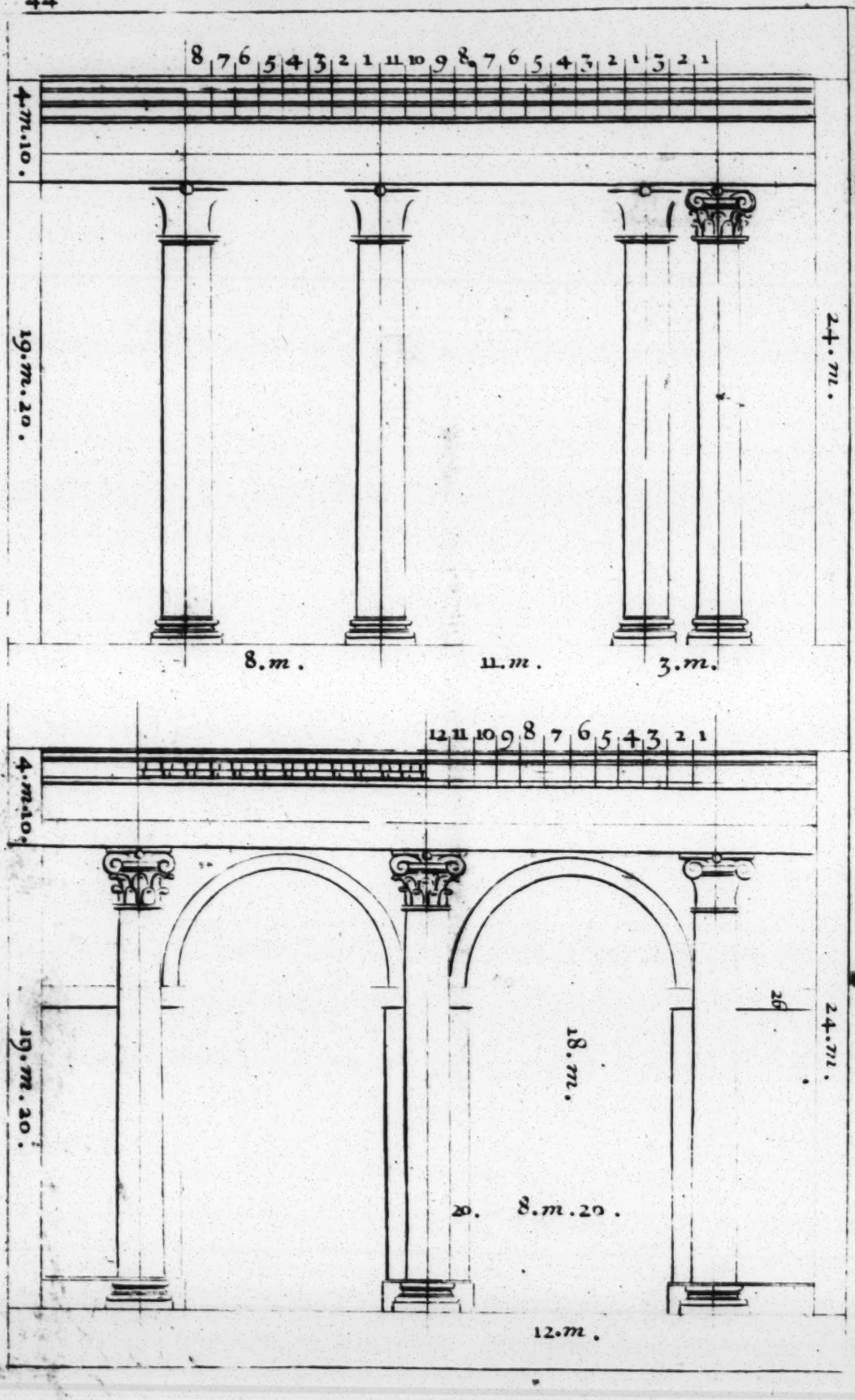
IONIC ORDER.



ROMAN ORDER.

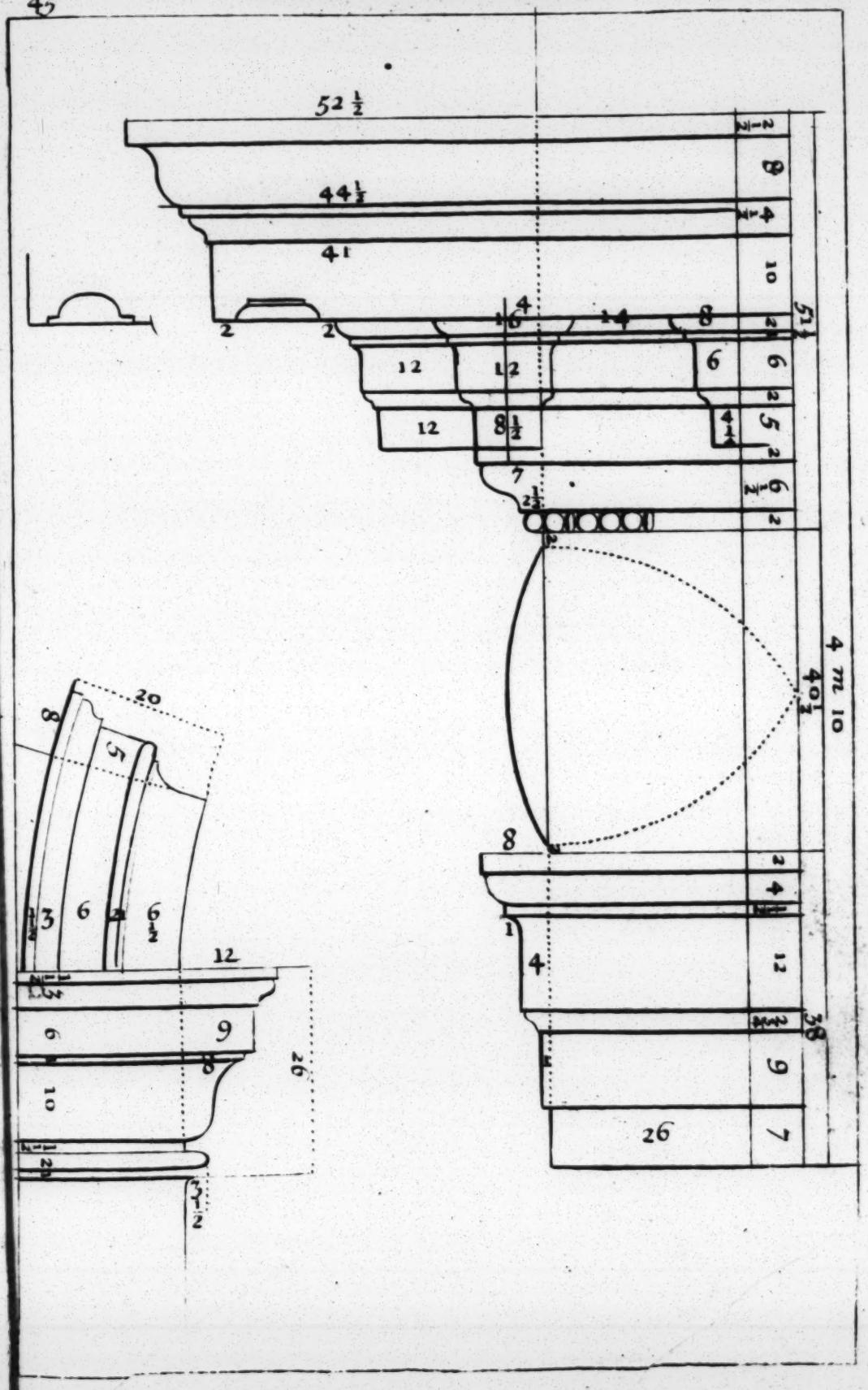


ROMAN. ORDER.


8 7 6 5 4 3 2 1 11 10 9 8 7 6 5 4 3 2 1 3 2 1
4.m.10.
19.m.20.
24.m.
8.m.
11.m.
3.m.
12 11 10 9 8 7 6 5 4 3 2 1
4.m.10.
19.m.20.
18.m.
26
24.m.
20. 8.m.20.
12.m.

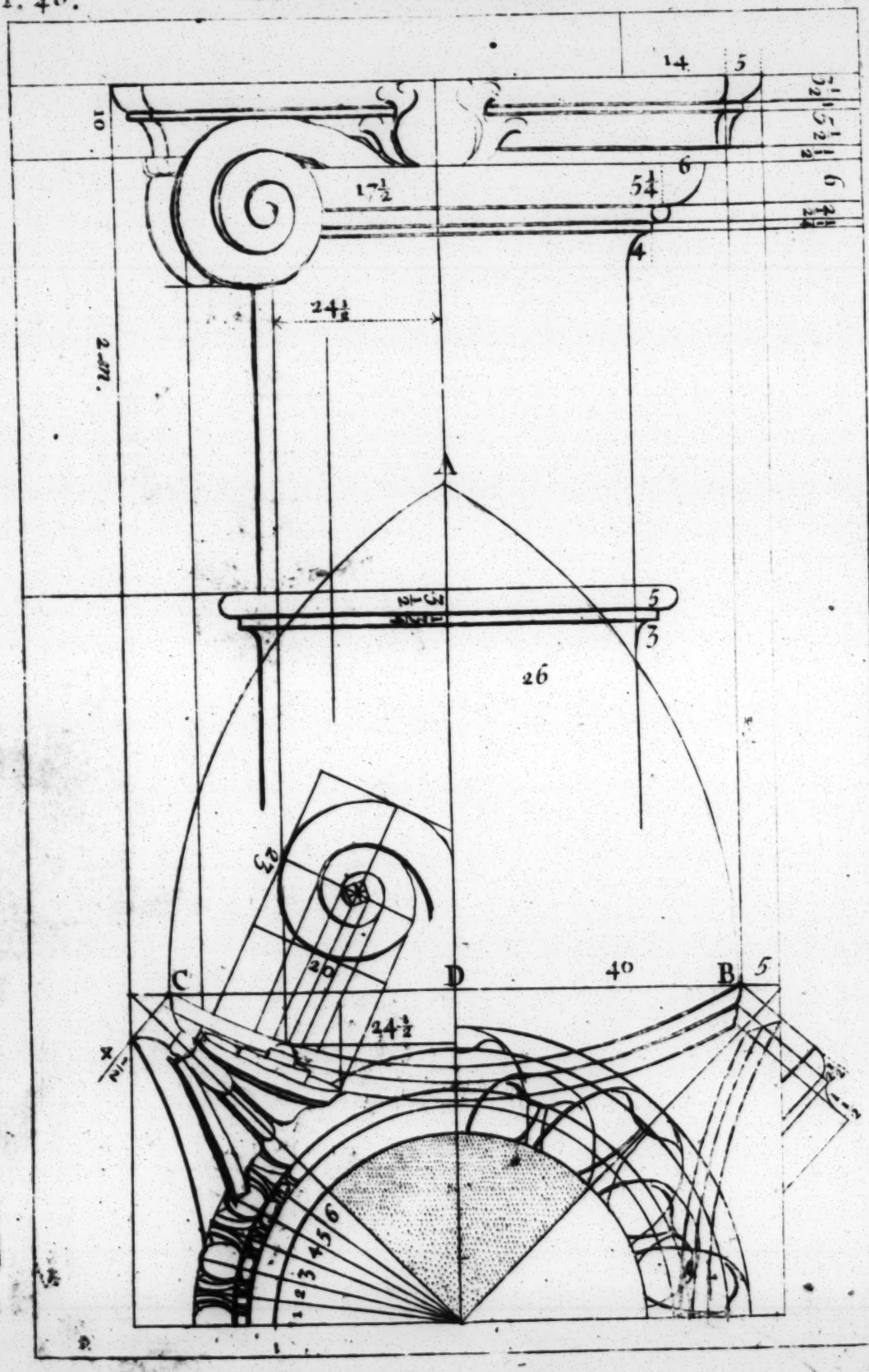
ROMAN. ORDER.

45

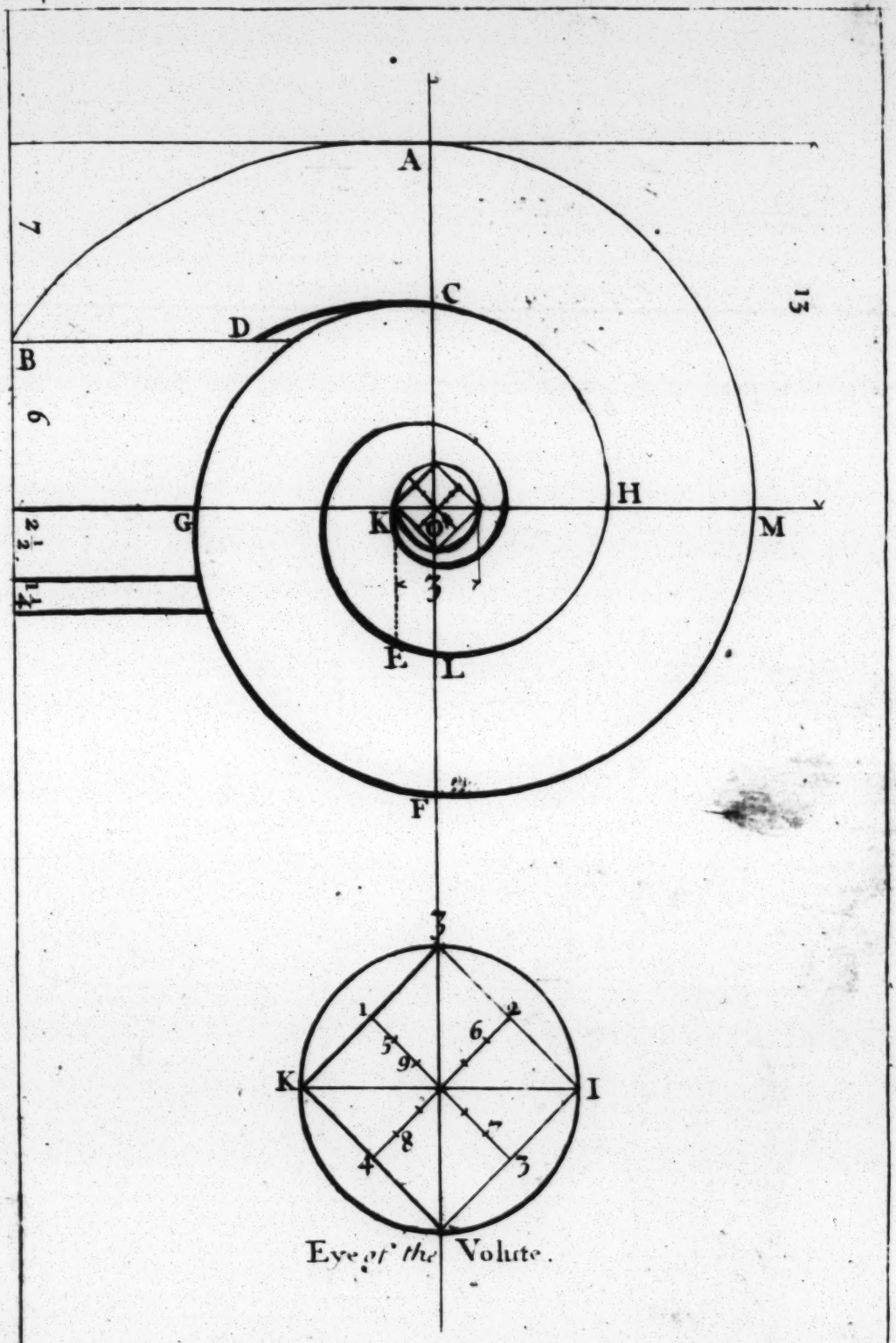


P. 46.

ROMAN. ORDER.



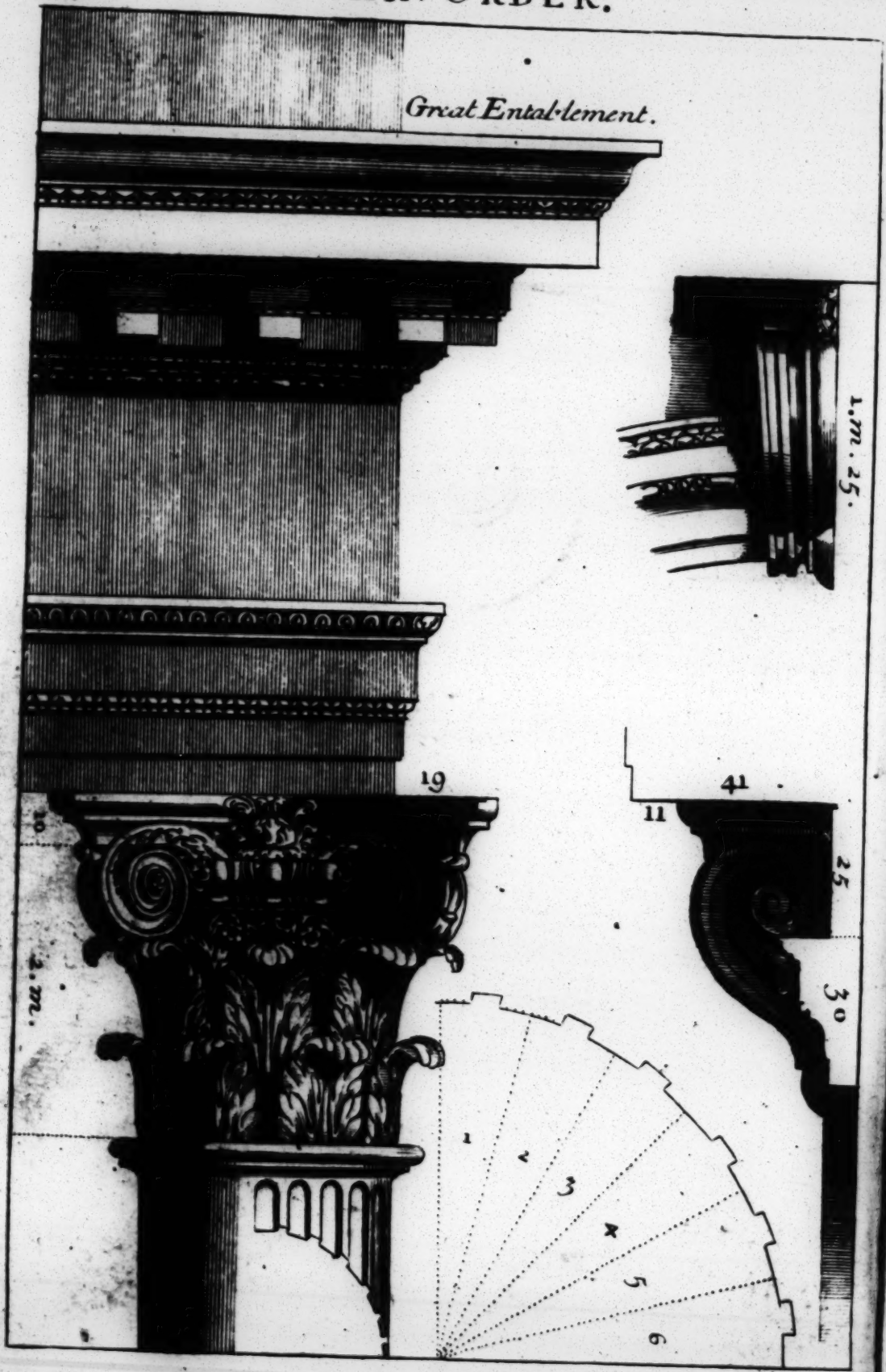
ROMAN. ORDER.



Eye of the Volute.

E. Center of ye Arches AB. CD.

ROMAN ORDER.



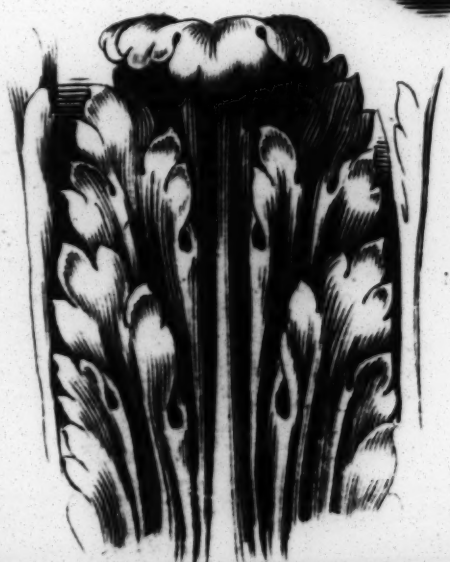
ROMAN ORDER..

Rose of the Abacus of the Capital view'd Sidewise, and in Front.

A A *Little Festoons* &c
D. *Spring of ye Volute.*

Caulicole ending in a Rose.

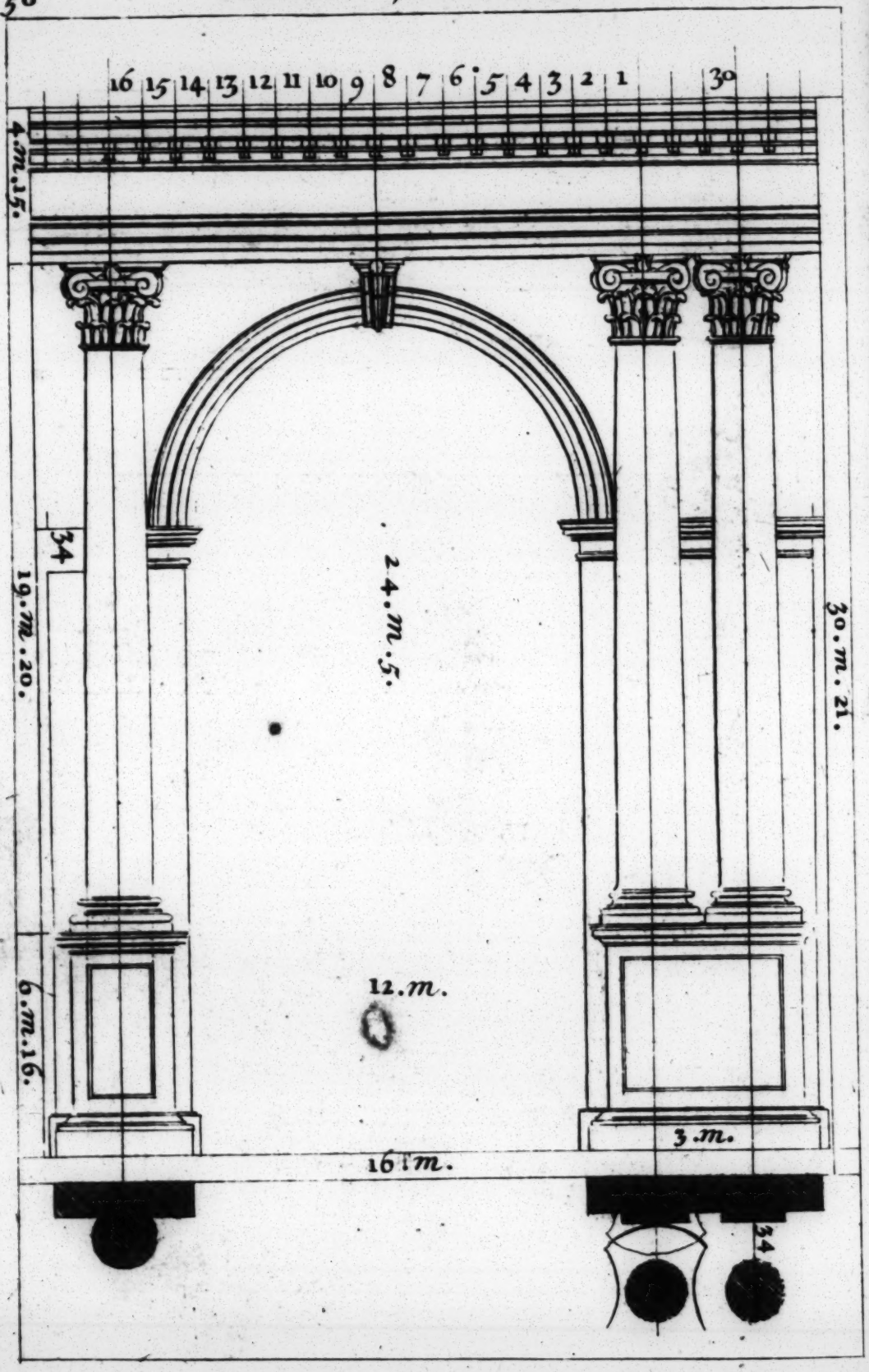
Leaf of the Acanthus View'd Sidewise.

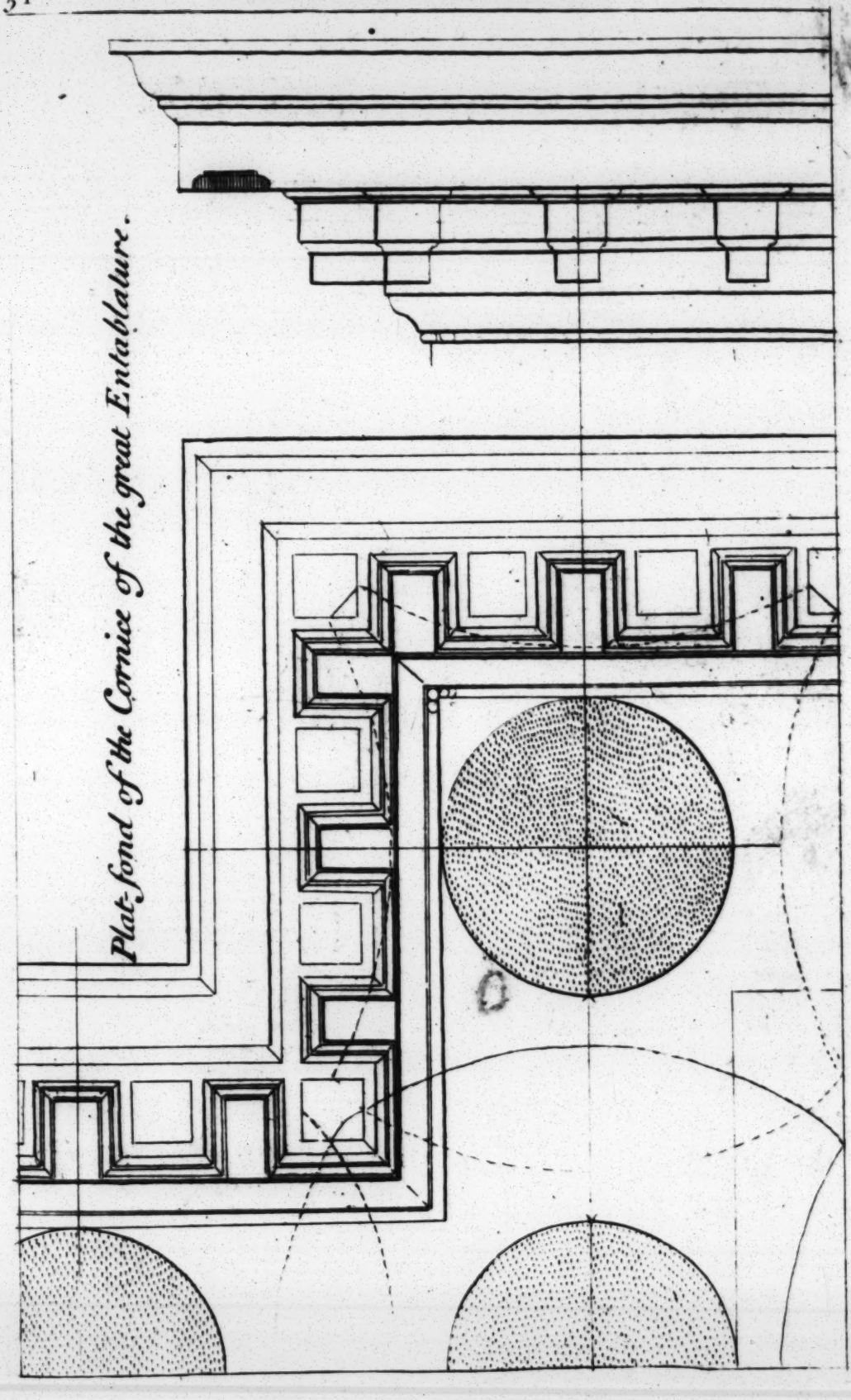


Leaf of ye Acanthus.

Laurel Leaf.

ROMAN, ORDER.

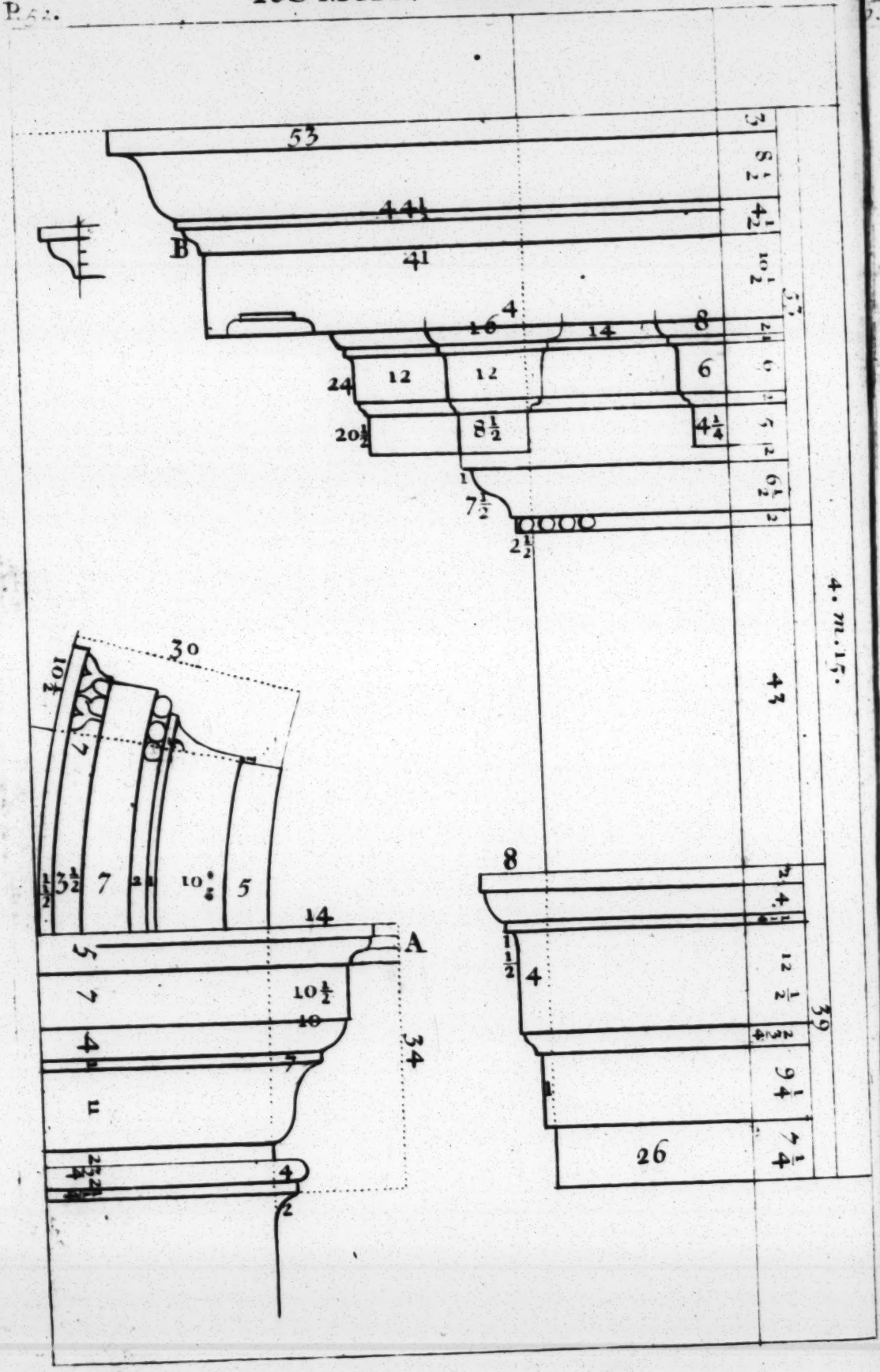

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
30
4.m.15.
34
19.m.20.
24.m.5.
30.m.21.
12.m.
6.m.16.
3.m.
16.m.
34



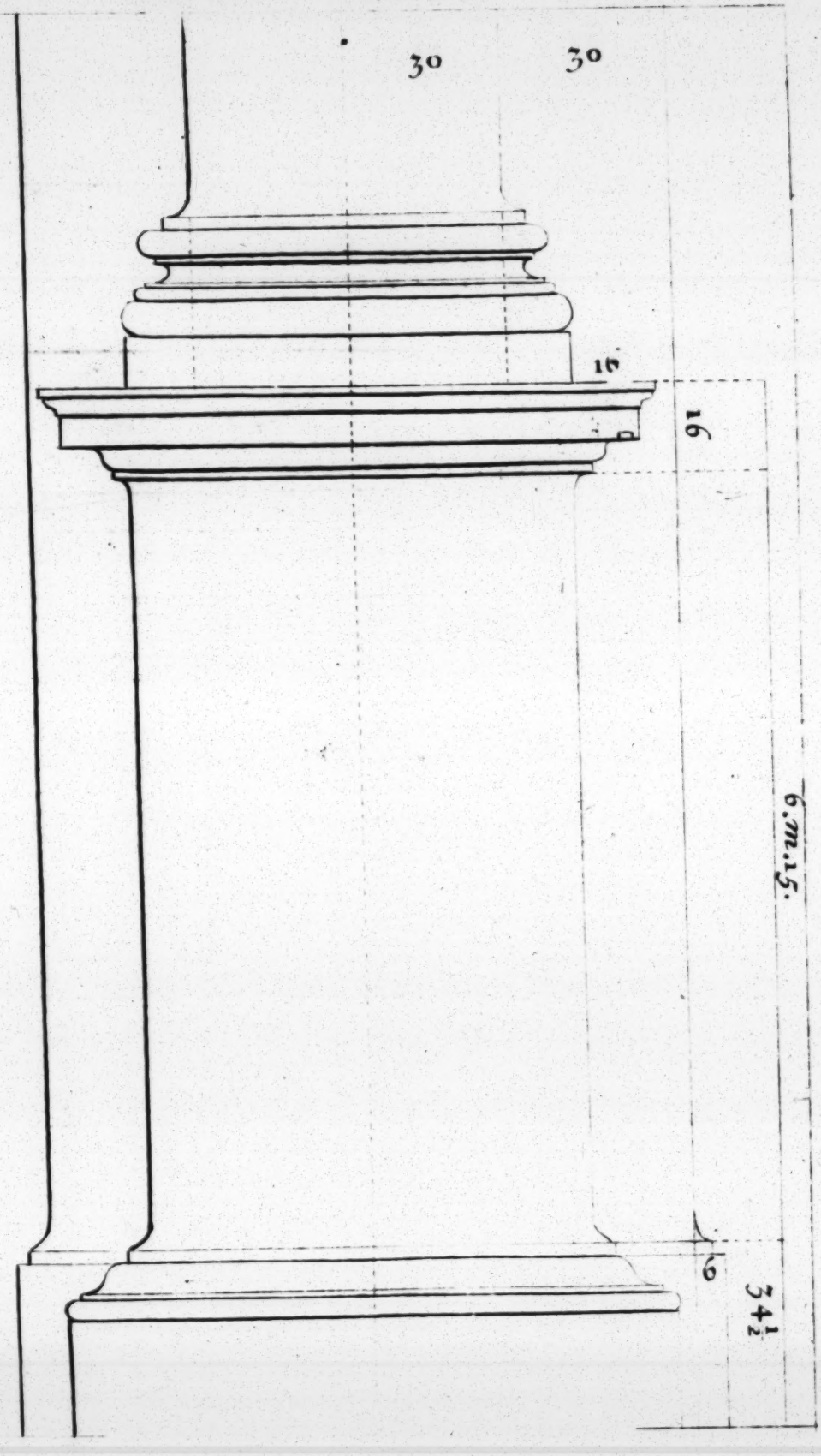
Plat-fond of the Cornice of the great Entablature.

ROMAN ORDER.

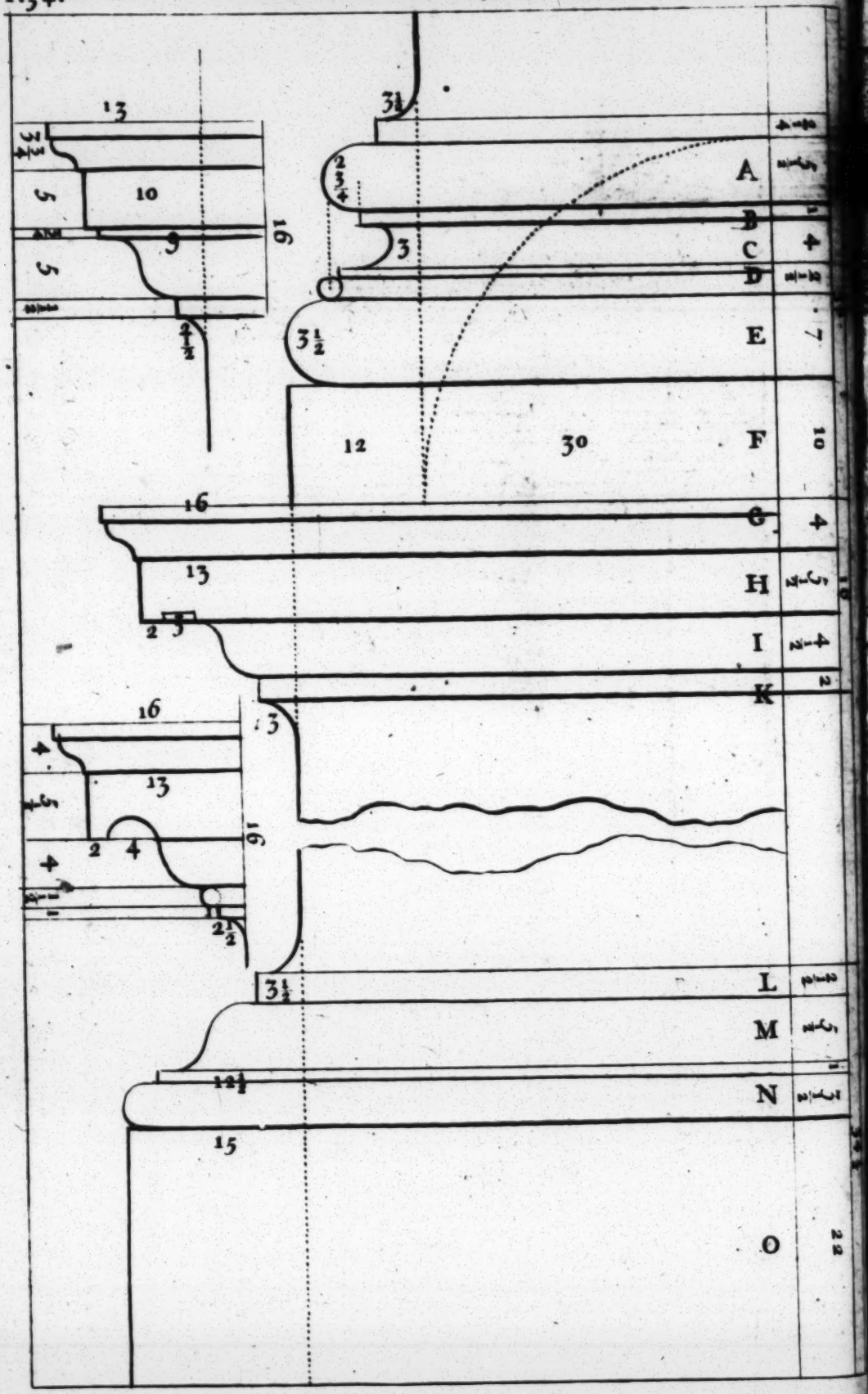
P. 52.



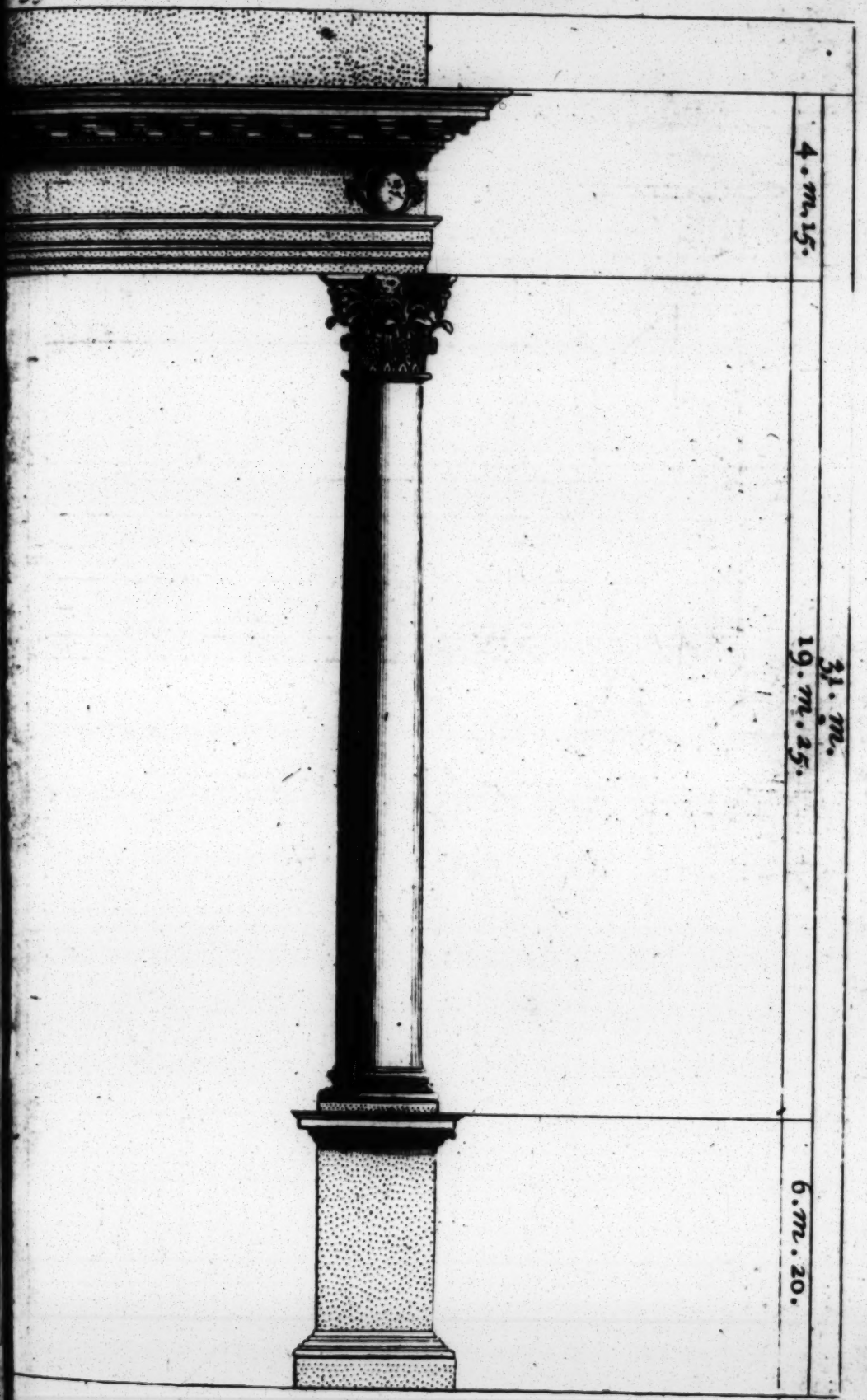
ROMAN ORDER



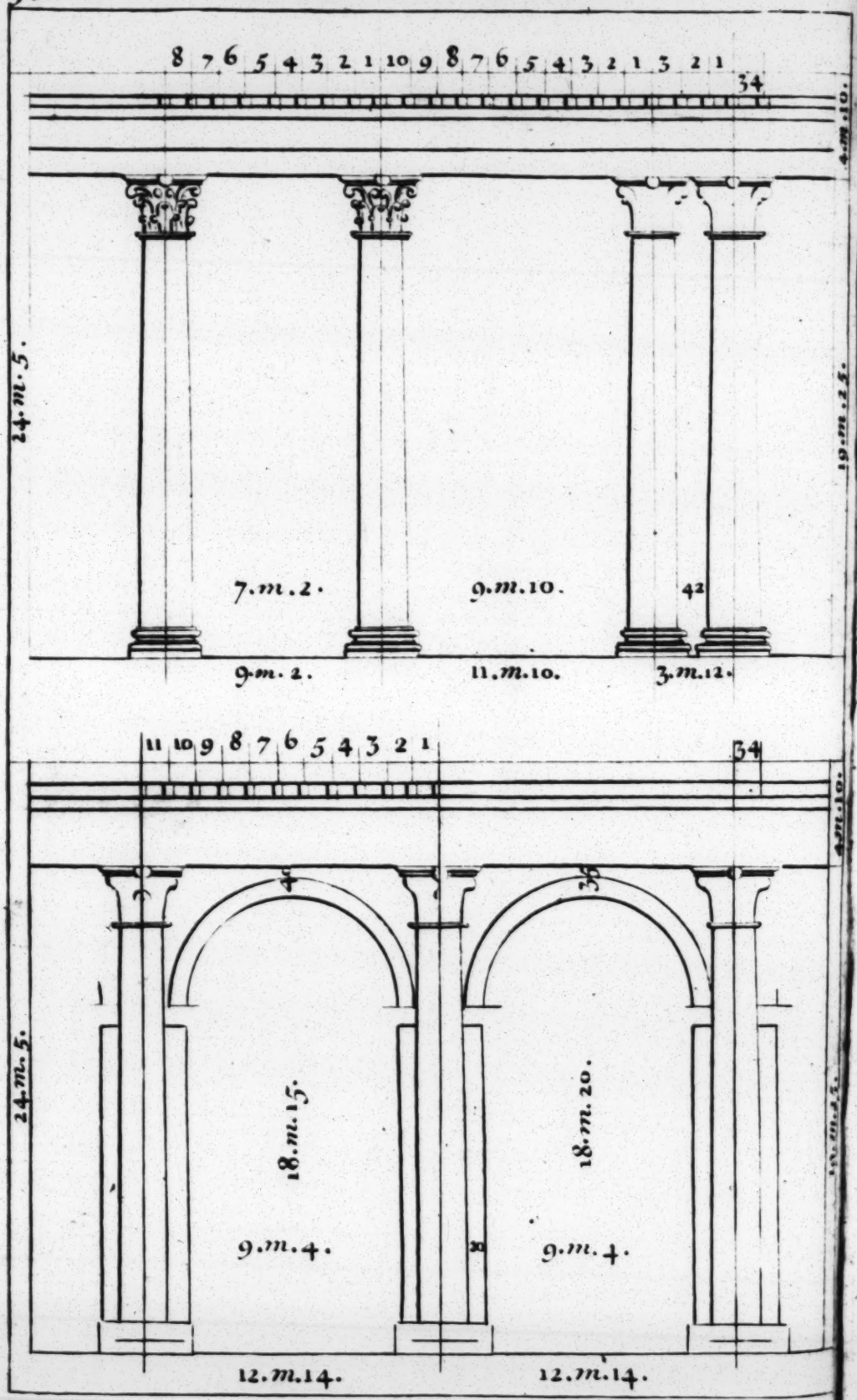
ROMAN ORDER.



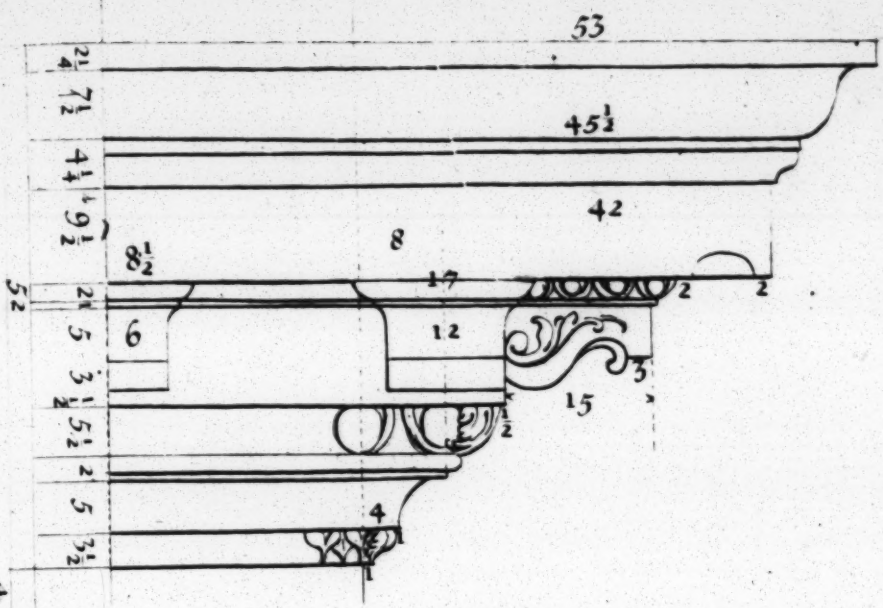
SPANISH ORDER.



SPANISH. ORDER.

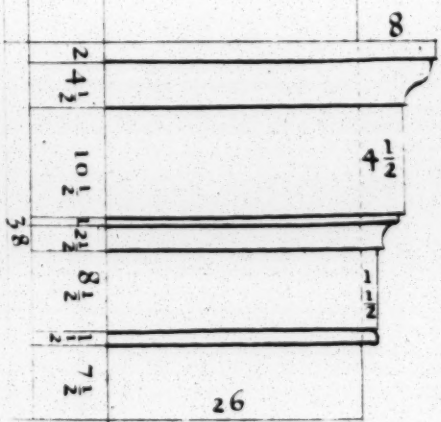


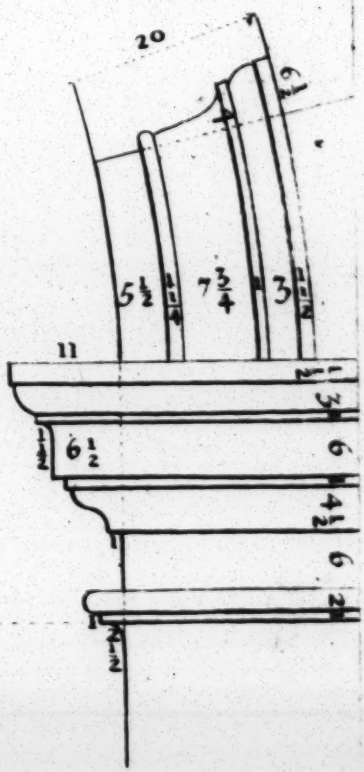
SPANISH ORDER.



4. m. 10.

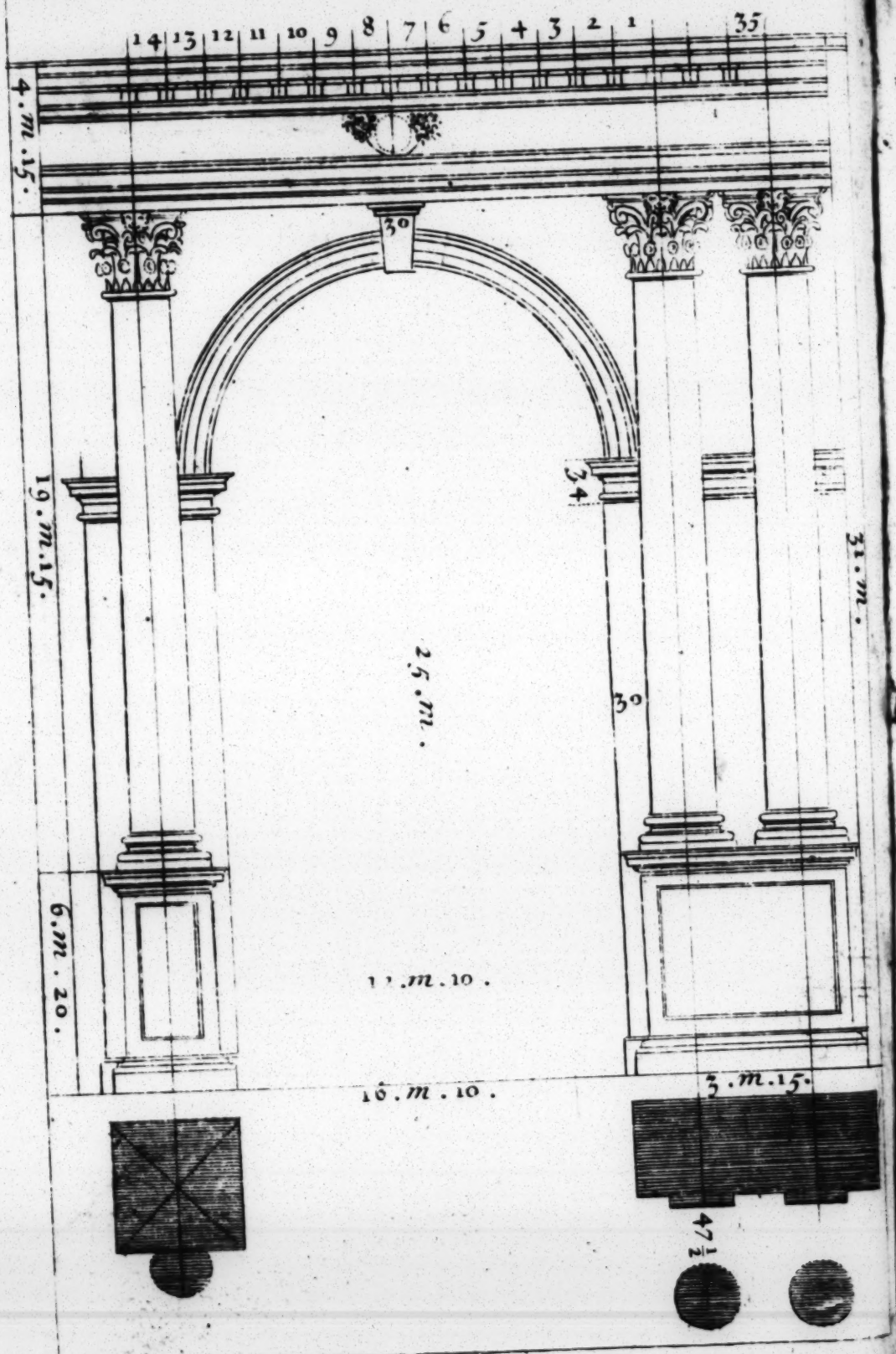
40



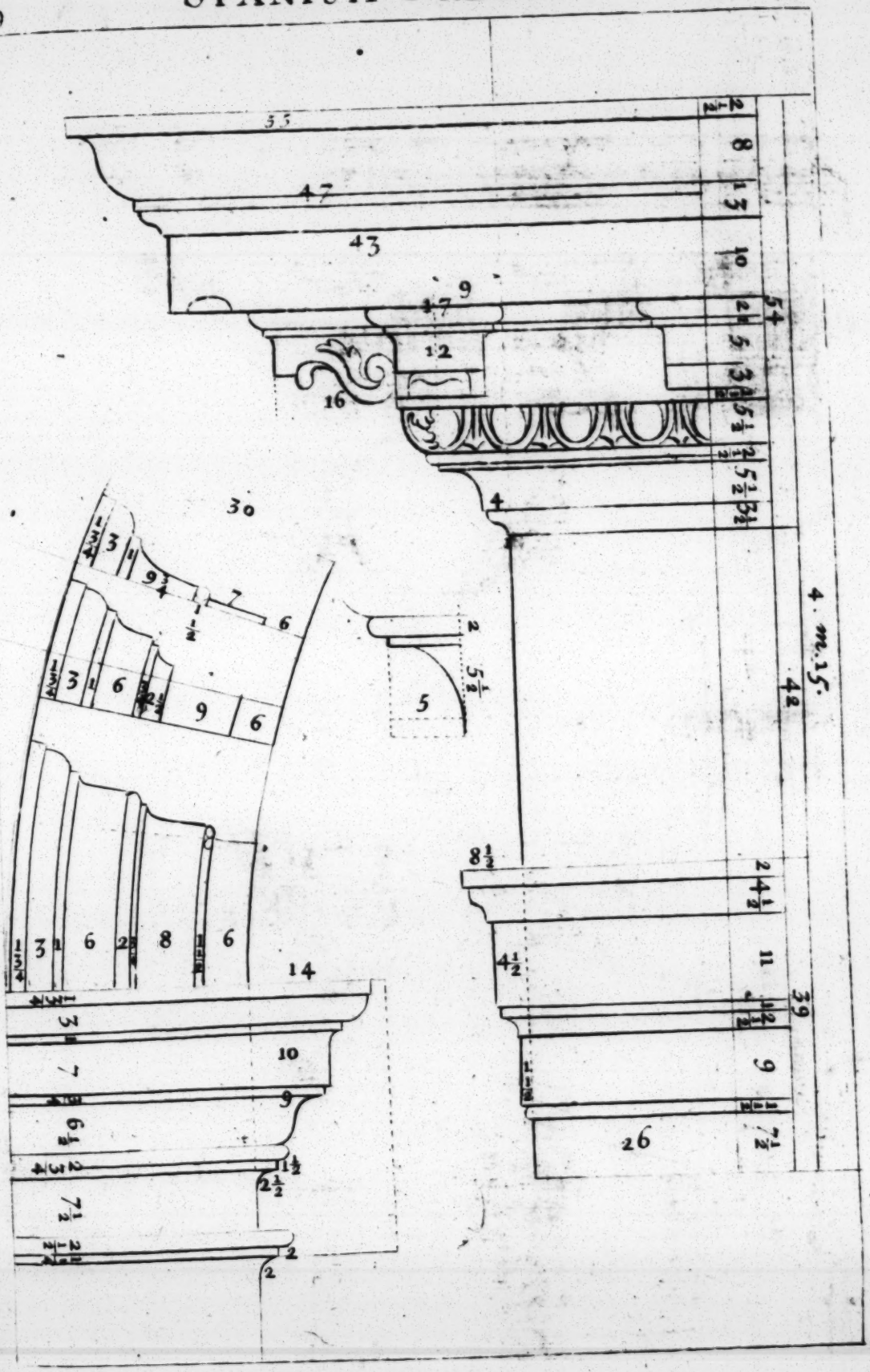


26

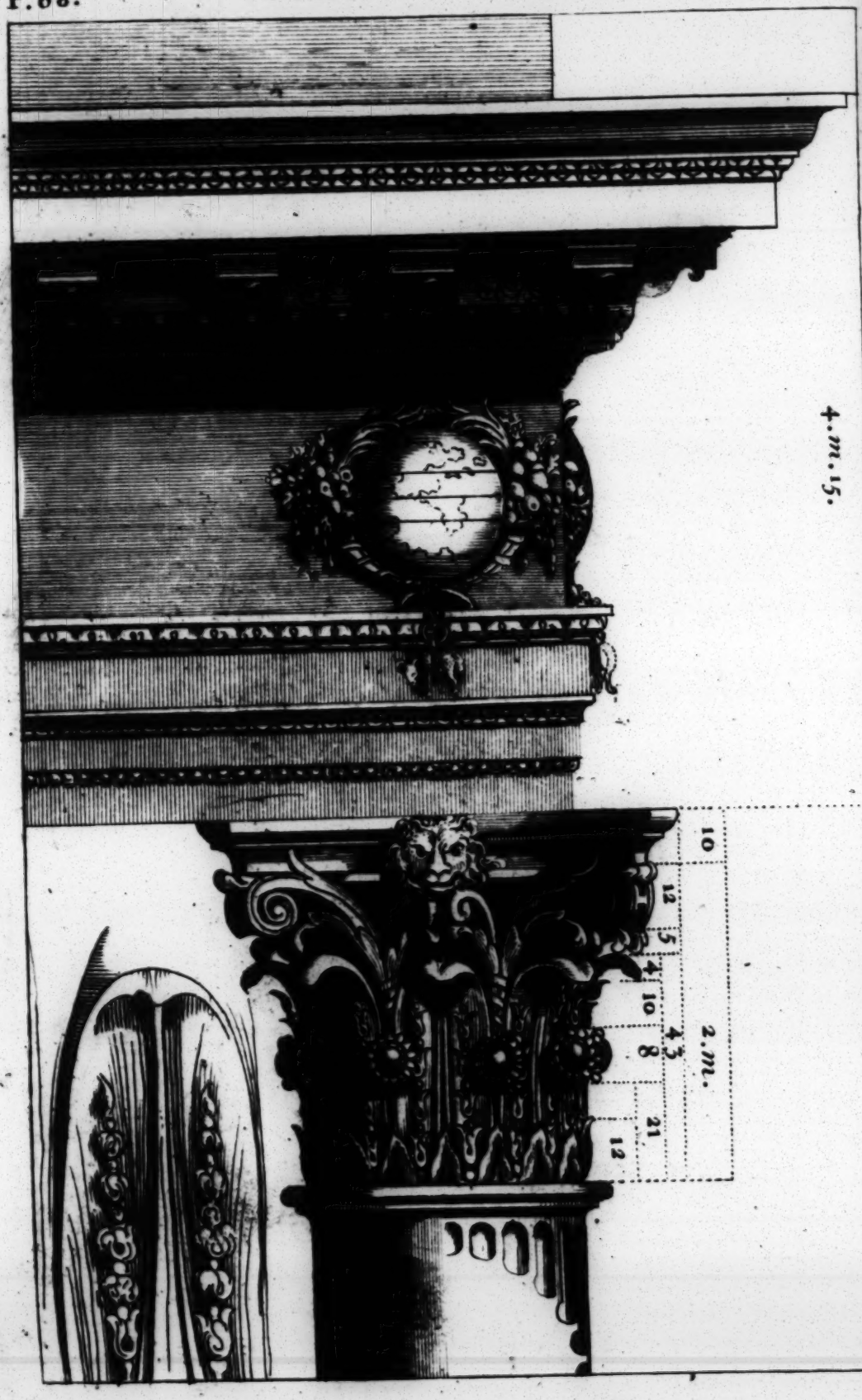
SPANISH ORDER.

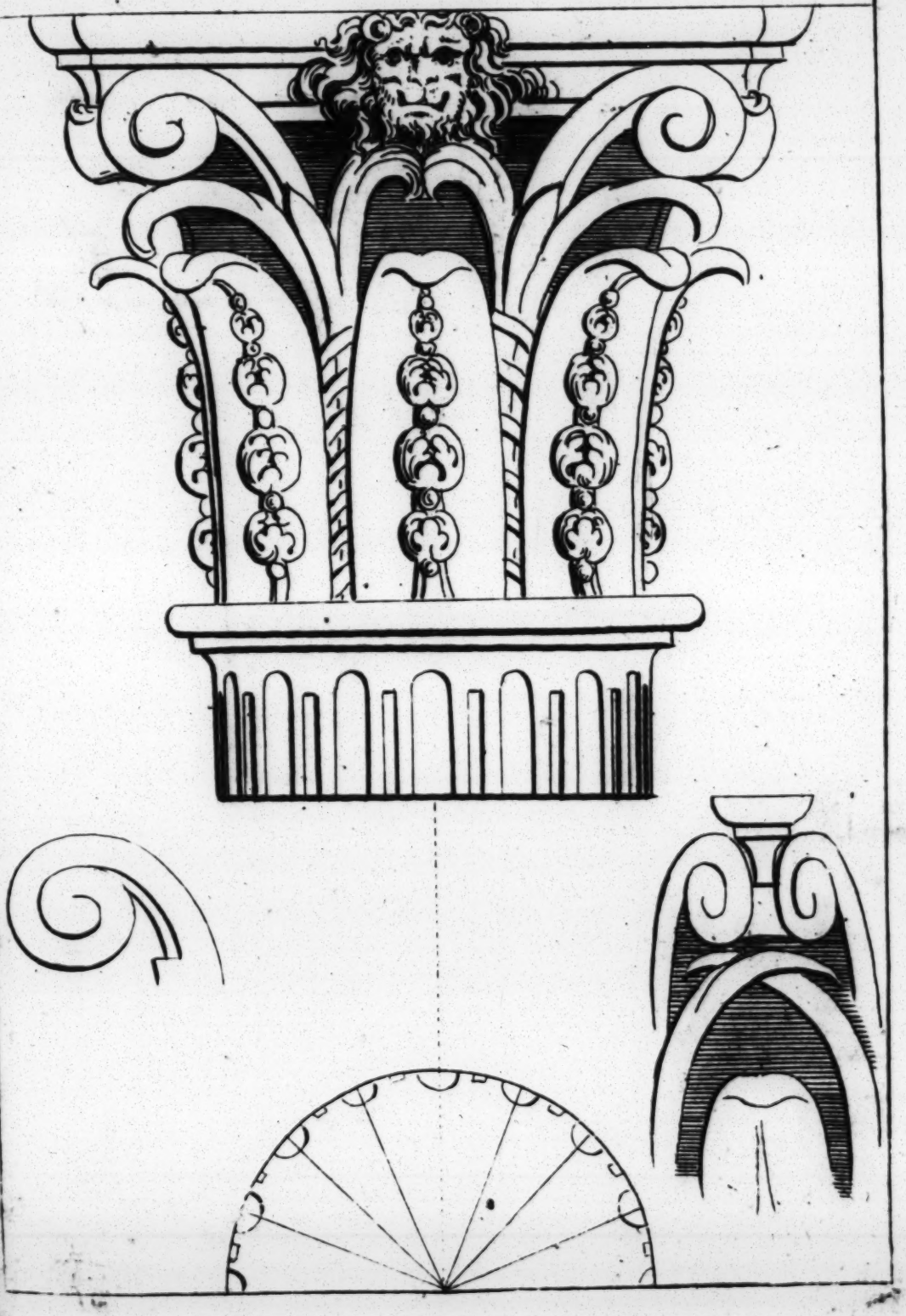


SPANISH ORDER.

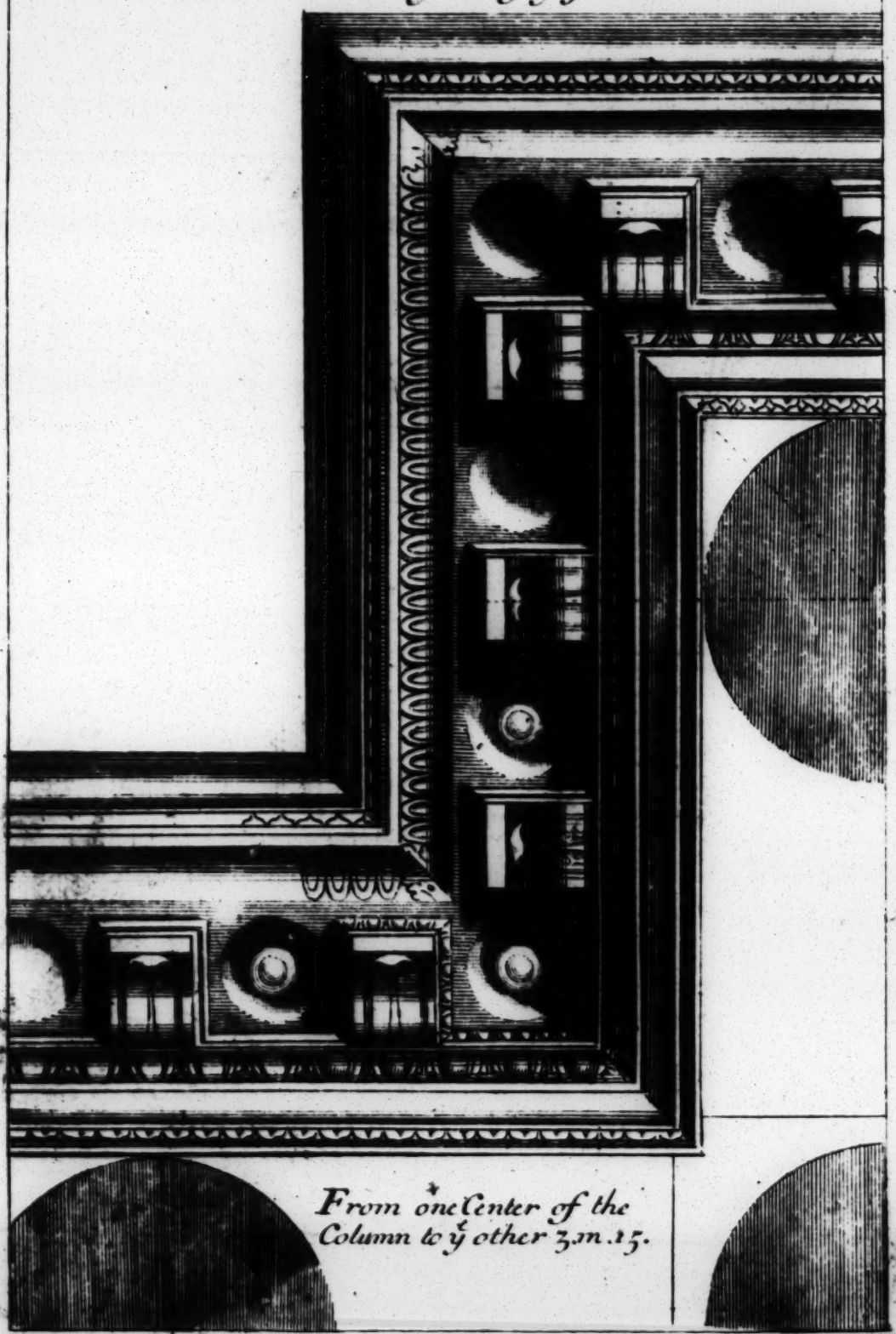


SPANISH ORDER.



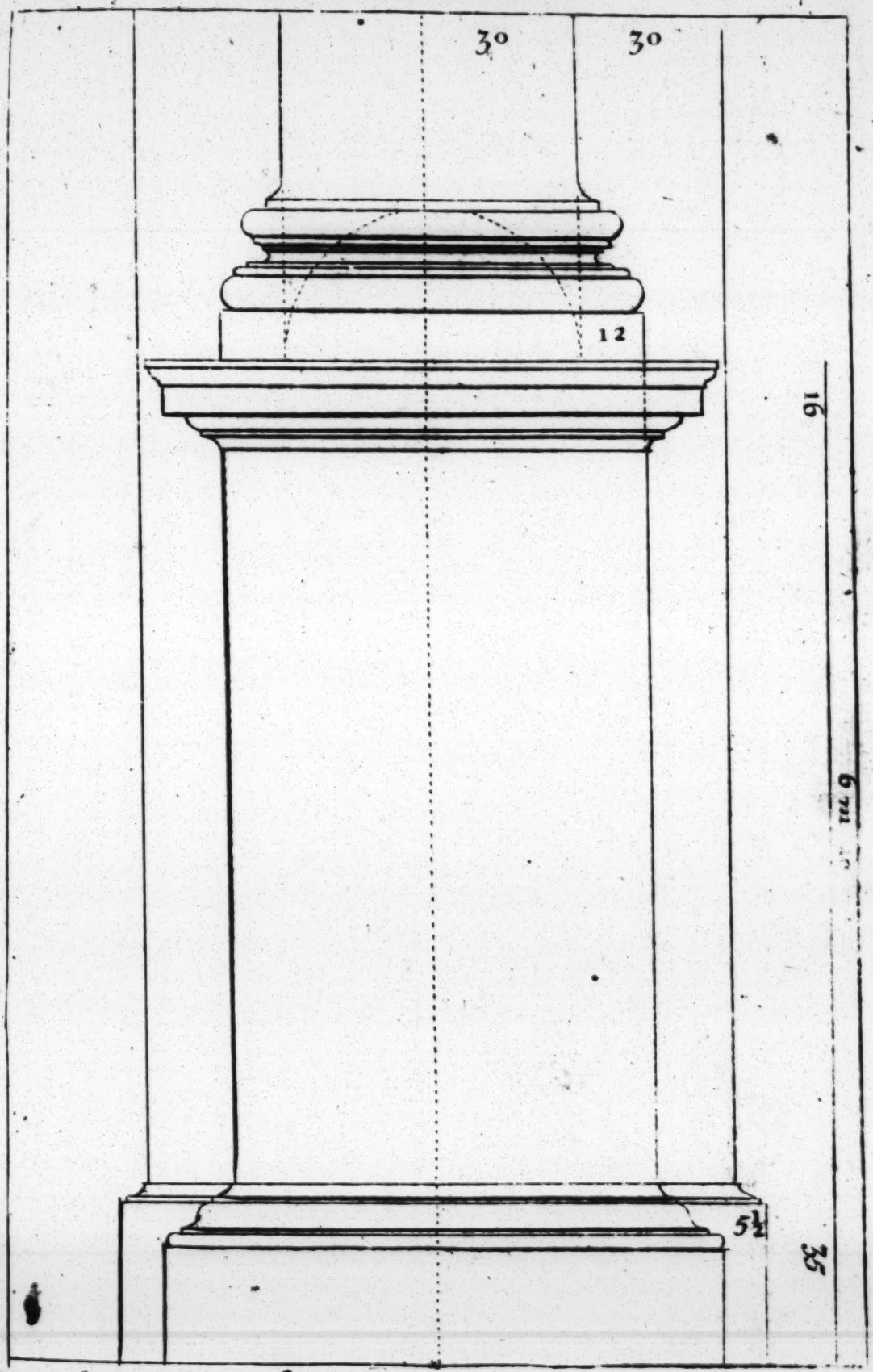


Plat-fond of ye great Entablature.

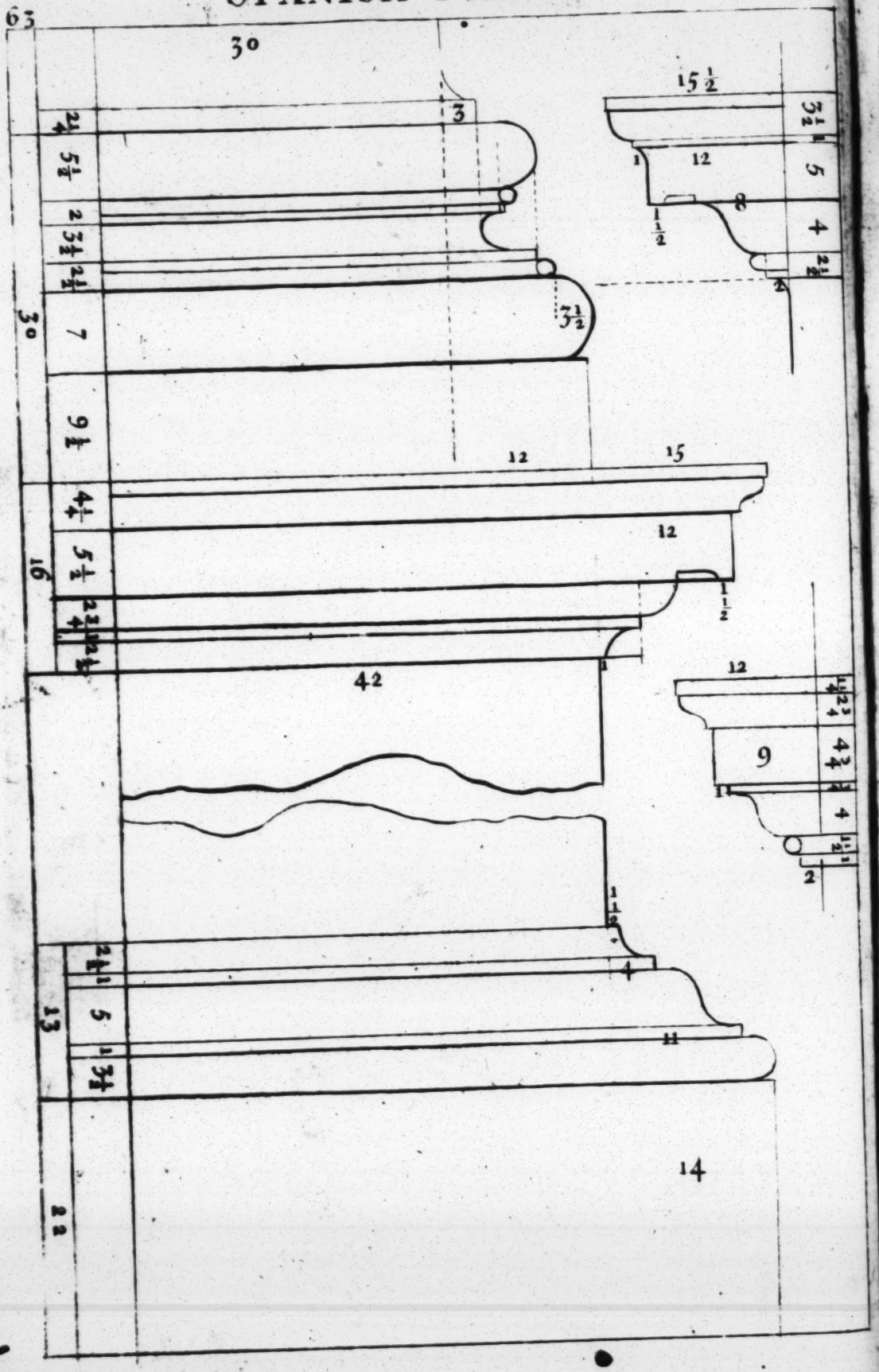


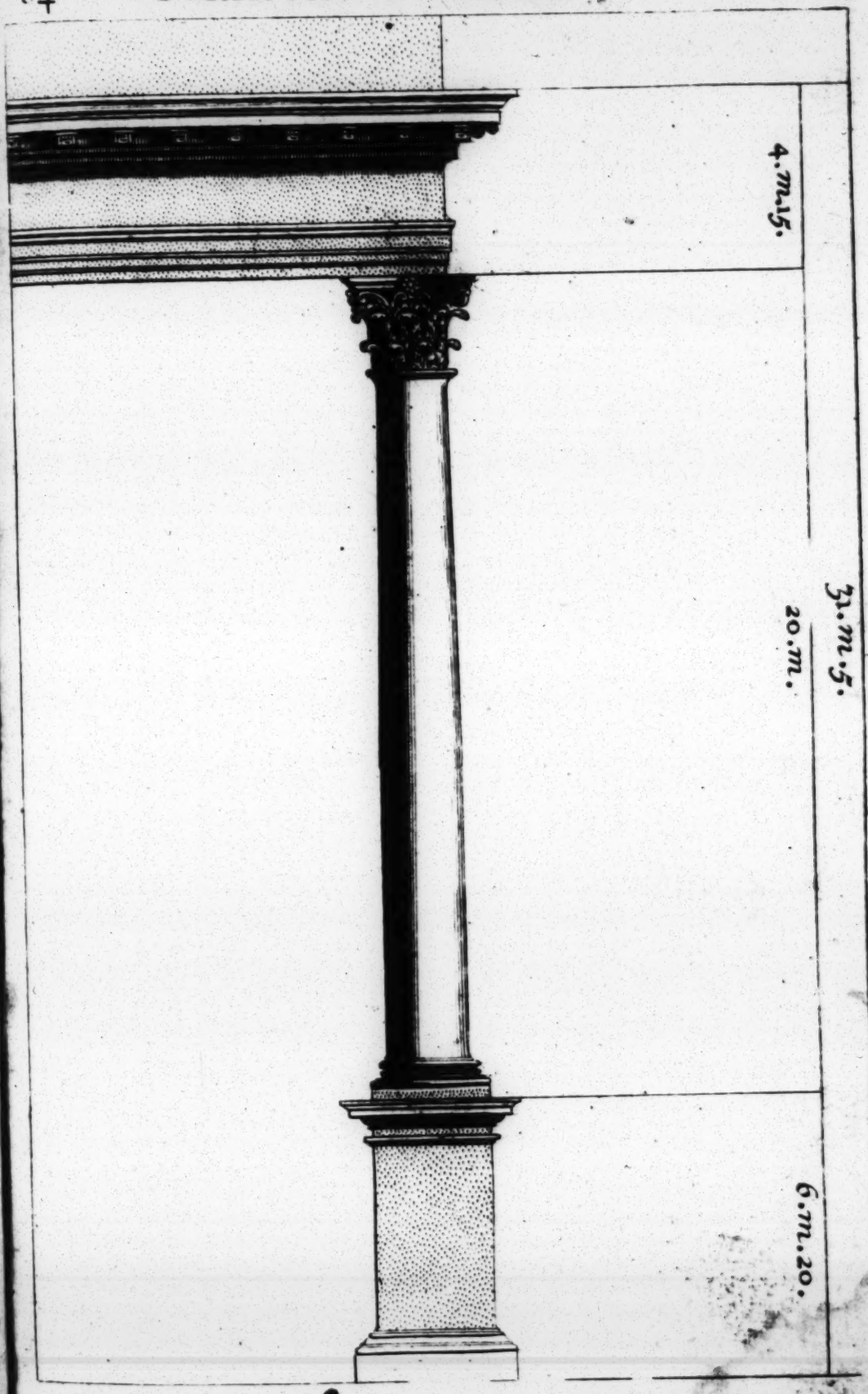
From one Center of the Column to ye other 3.m.15.

SPANISH ORDER

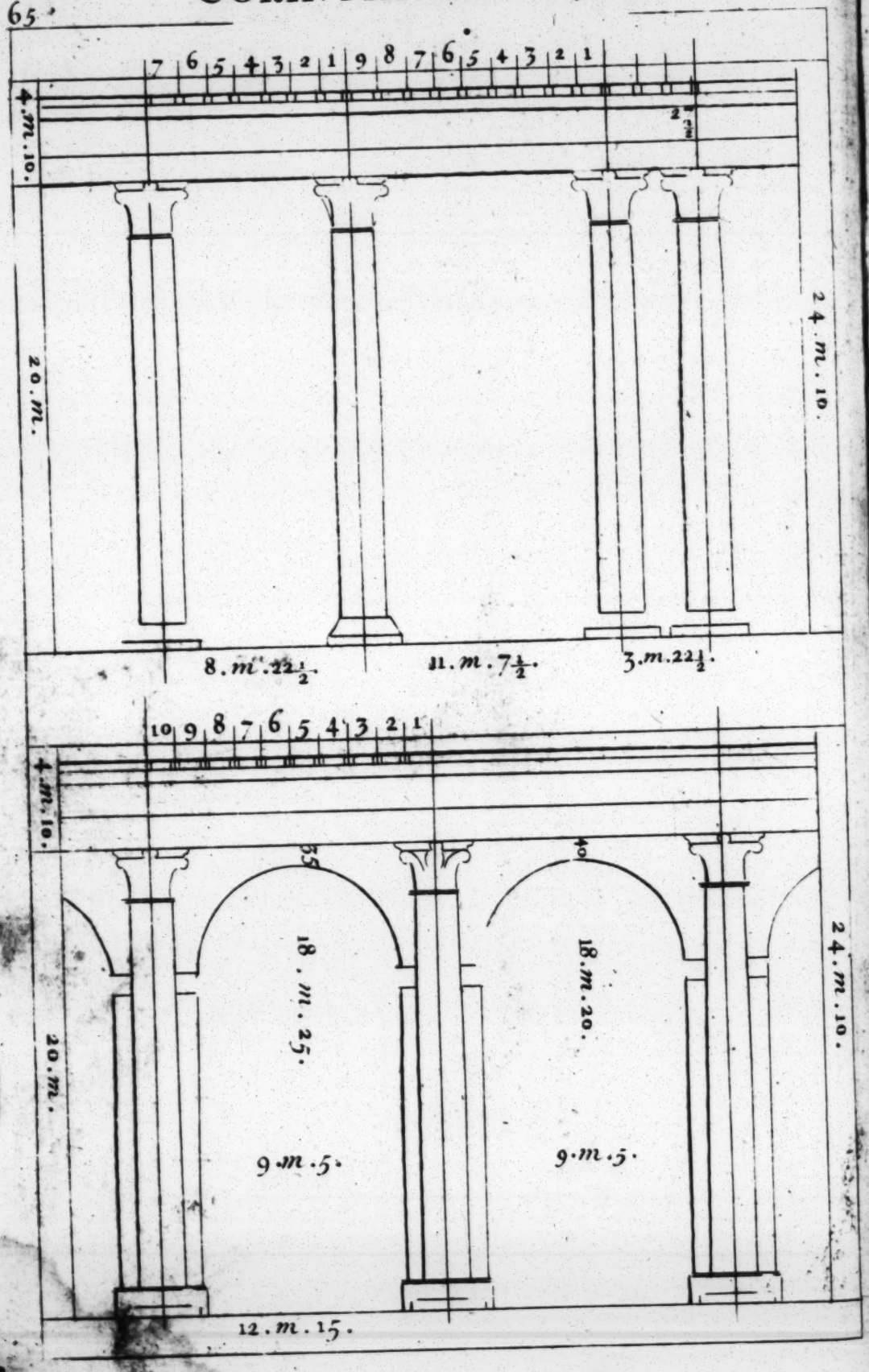


SPANISH ORDER

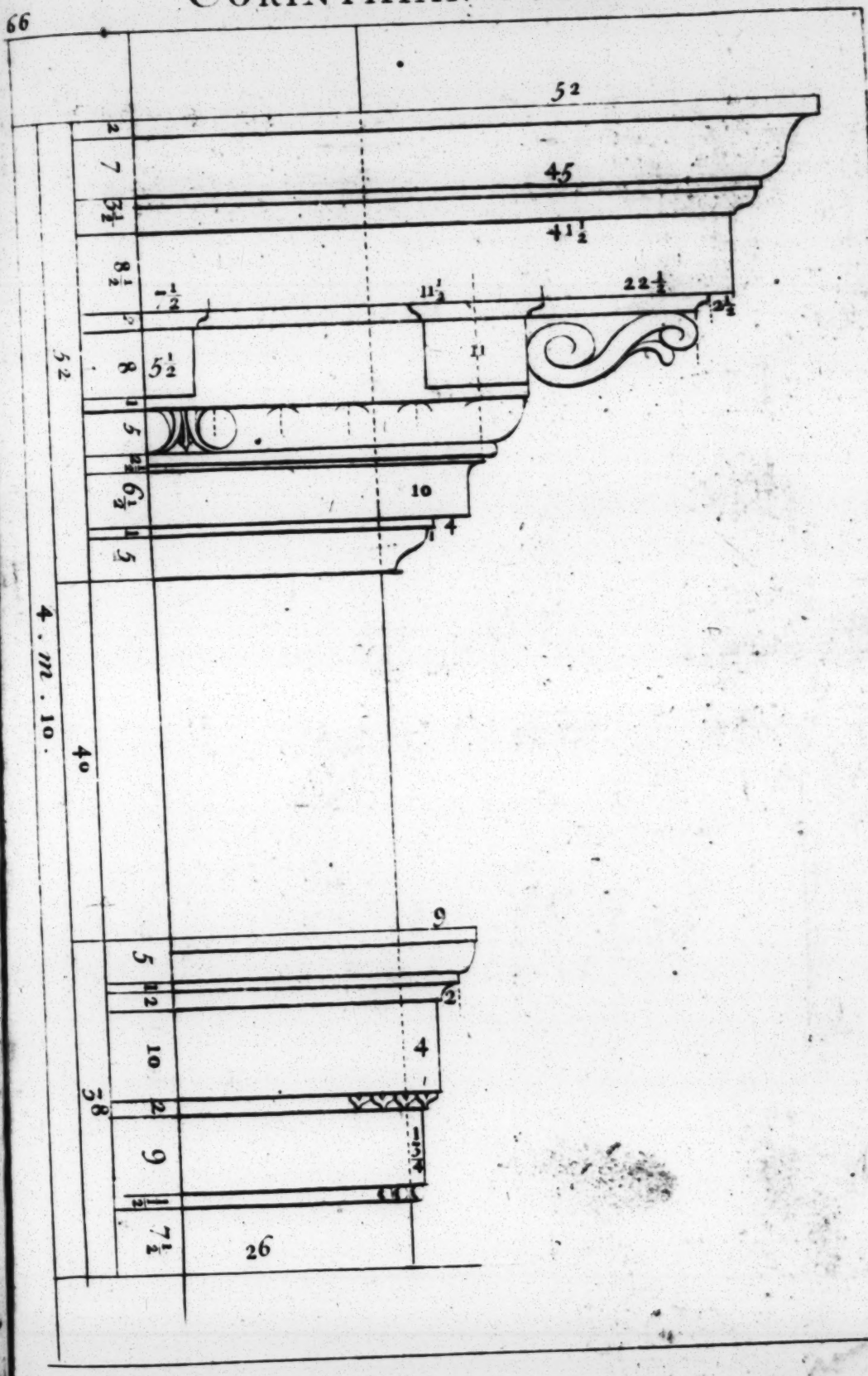



4.m.15.
31.m.5.
20.m.
6.m.20.

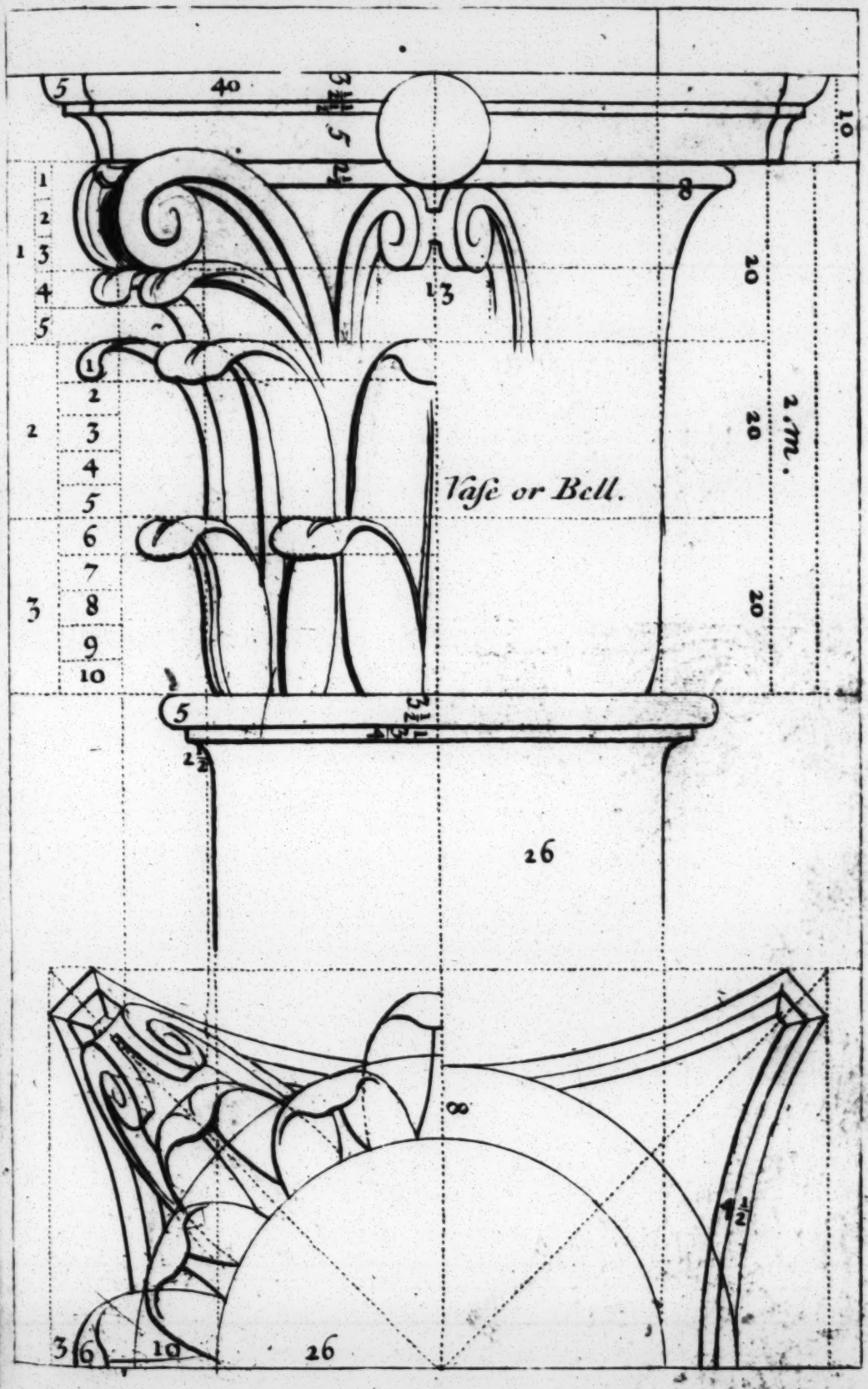
CORINTHIAN ORDER.



CORINTHIAN ORDER.



Great Entablement.
4. m. 15.
2. m. 10.
10.
2. m.


Vase or Bell.
26
26

Leaves of Parsley.

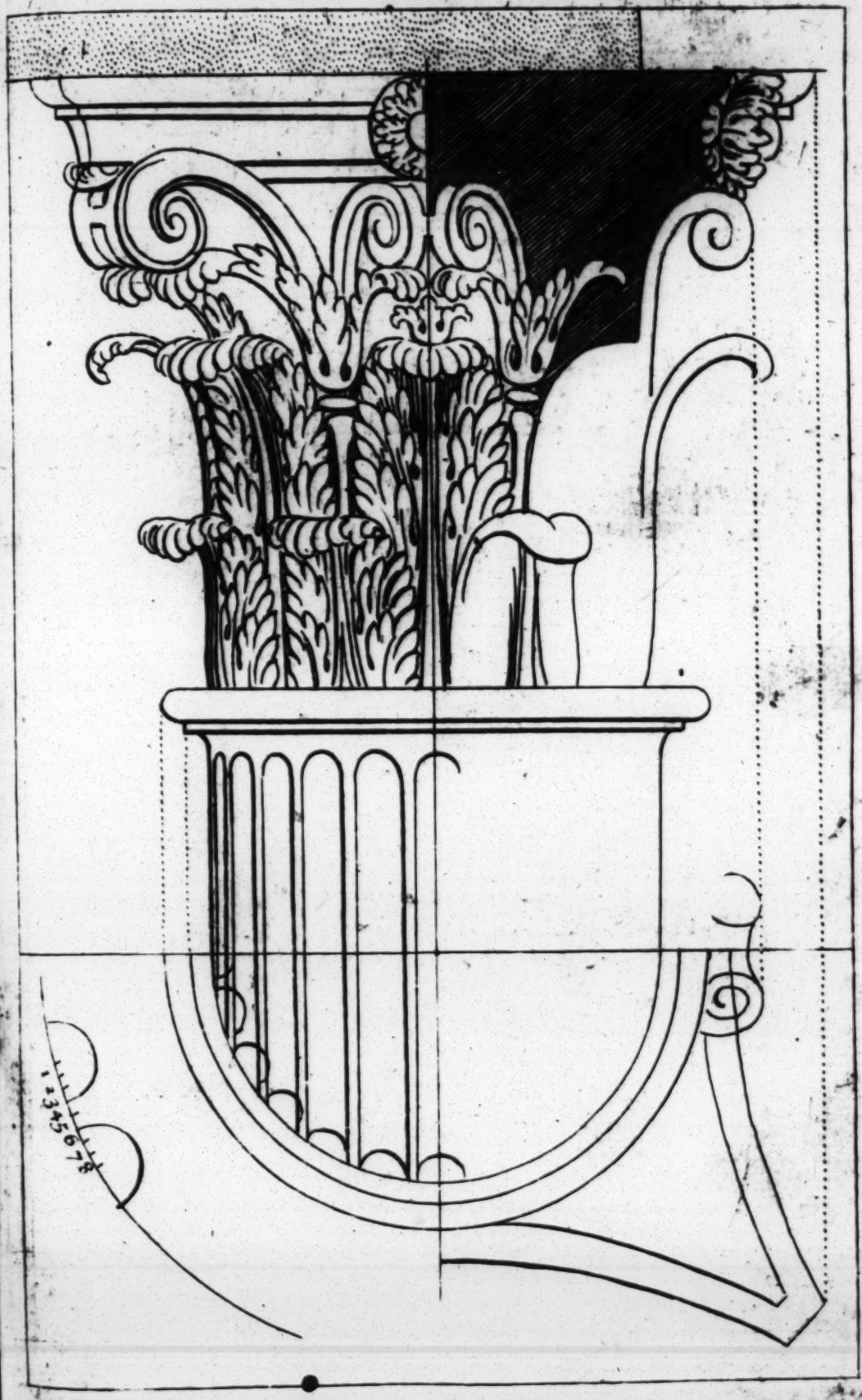
Leaves of Olive.

A. *Lips of the Vase.*
B. *Volutes.*

Stems or Stalks.

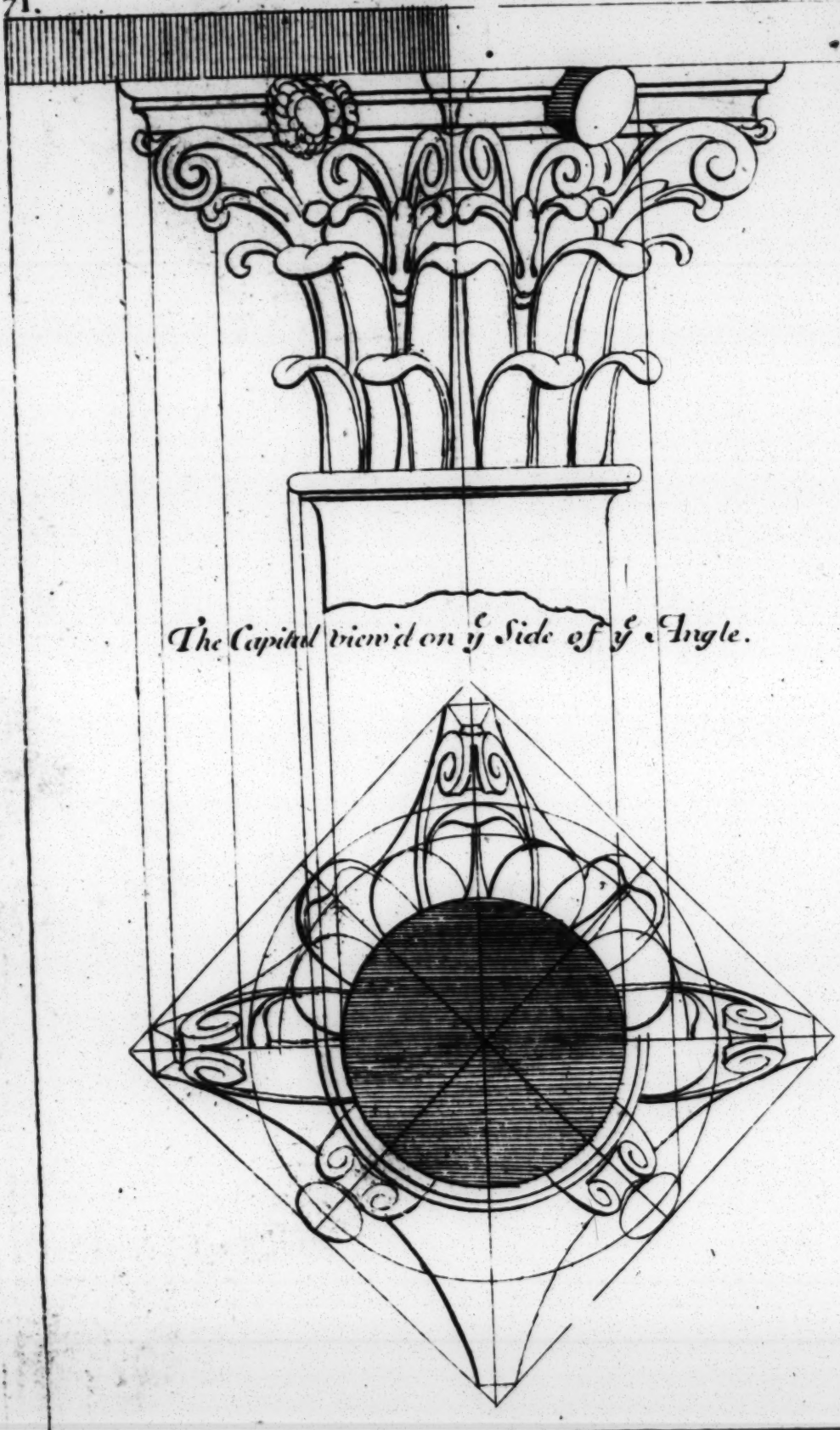
Rose of the Capital.

CORINTHIAN ORDER.



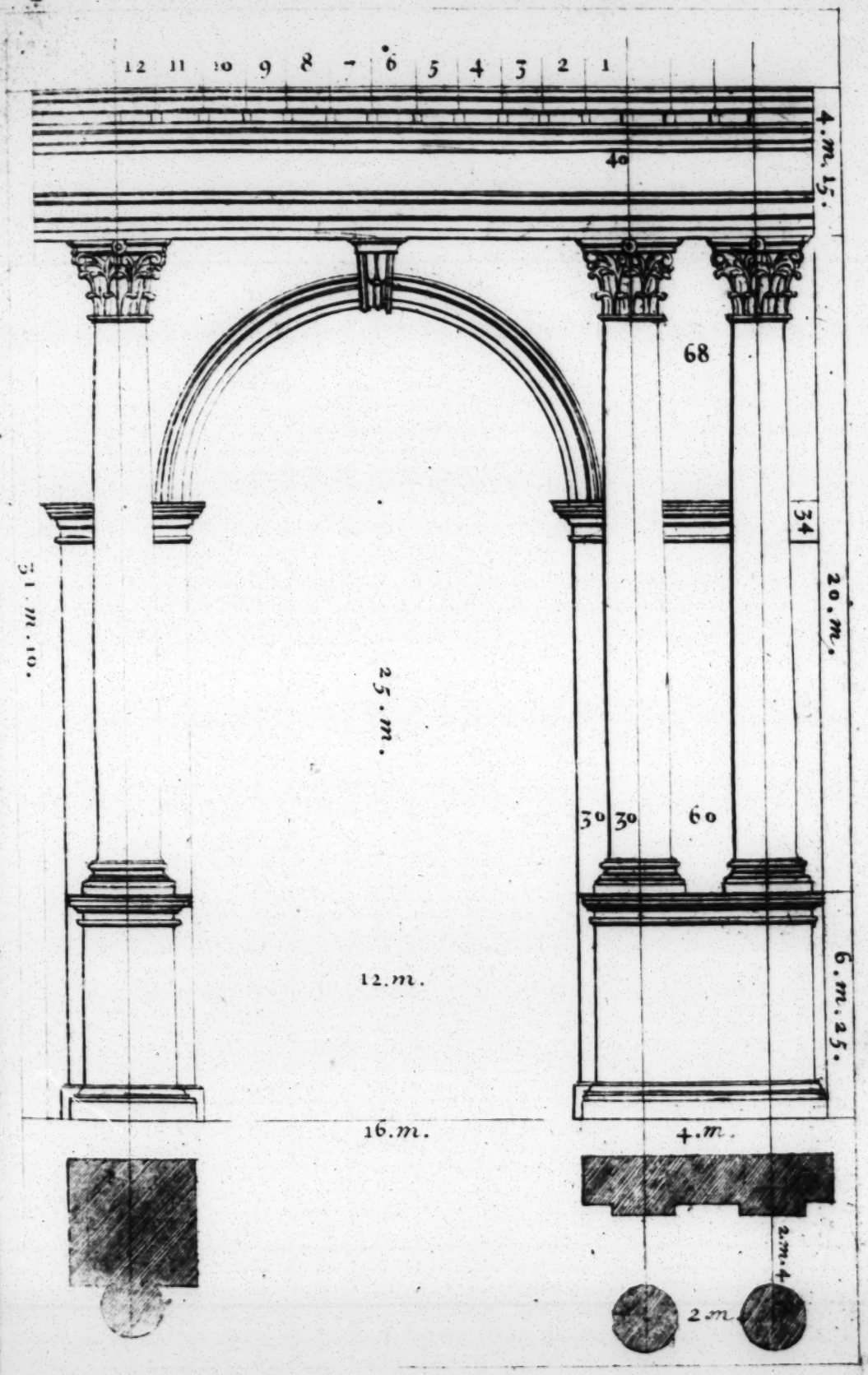
CORINTHIAN ORDER.

71.

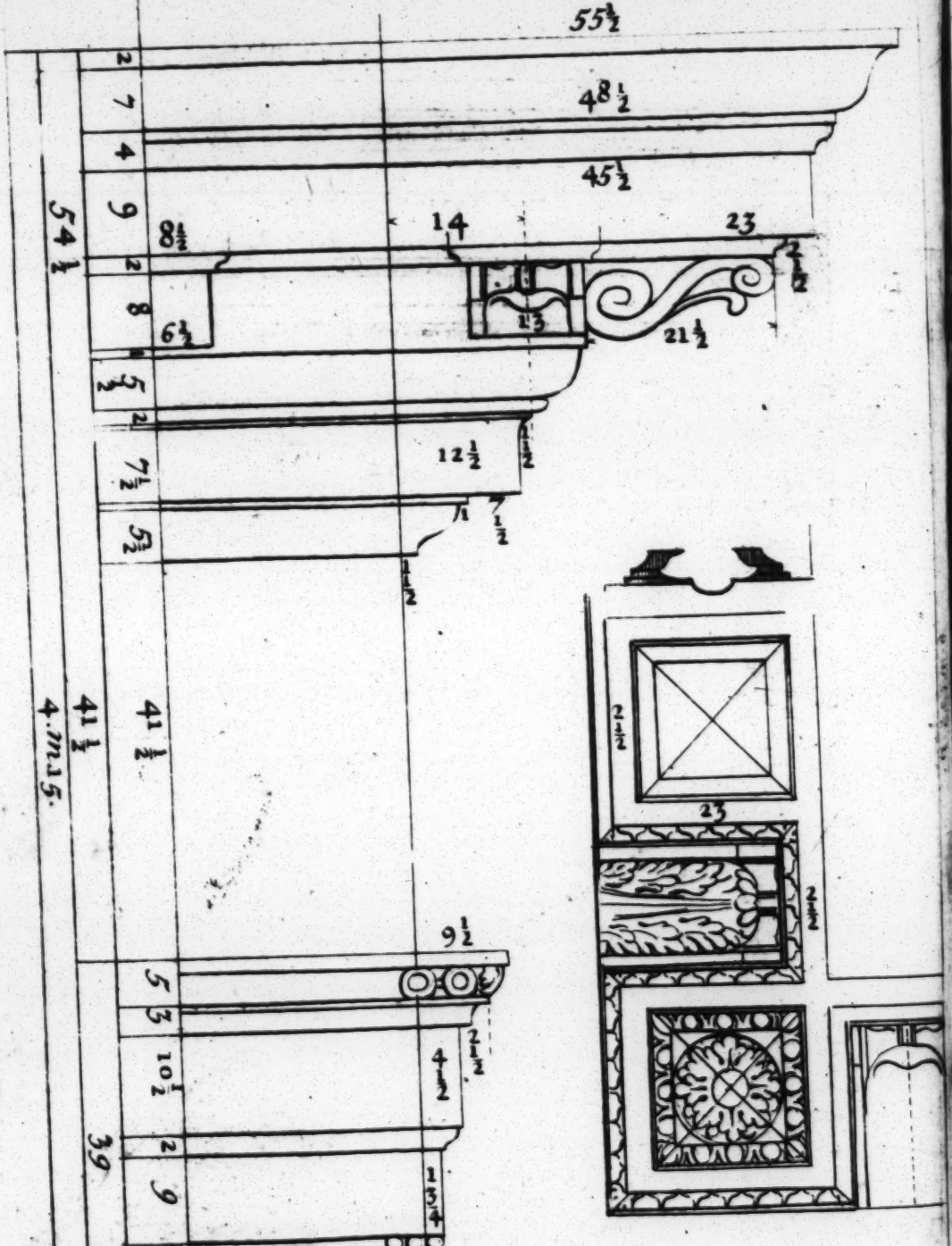


The Capital view'd on ye Side of ye Angle.

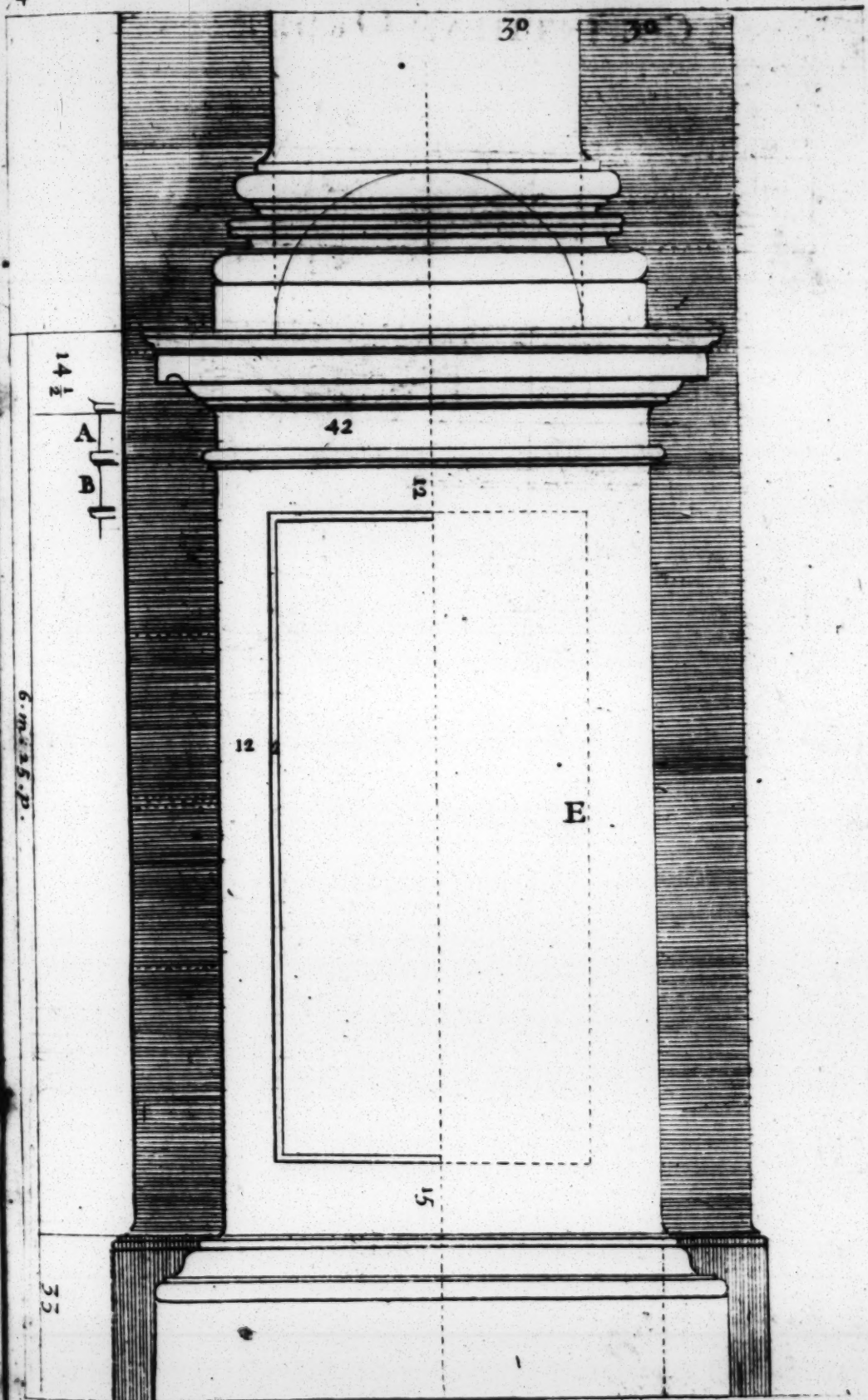
CORINTHIAN ORDER.



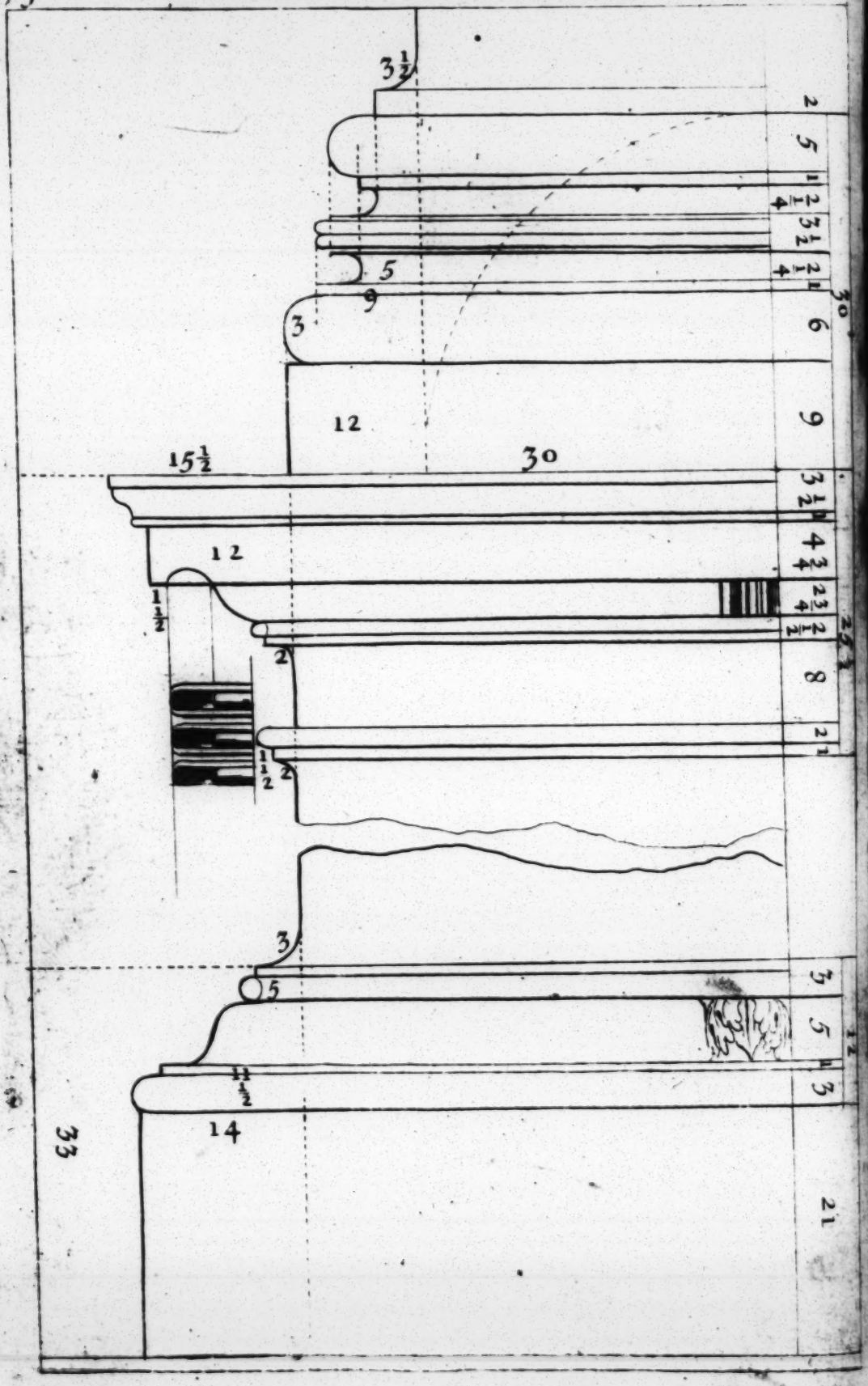
CORINTHIAN ORDER.



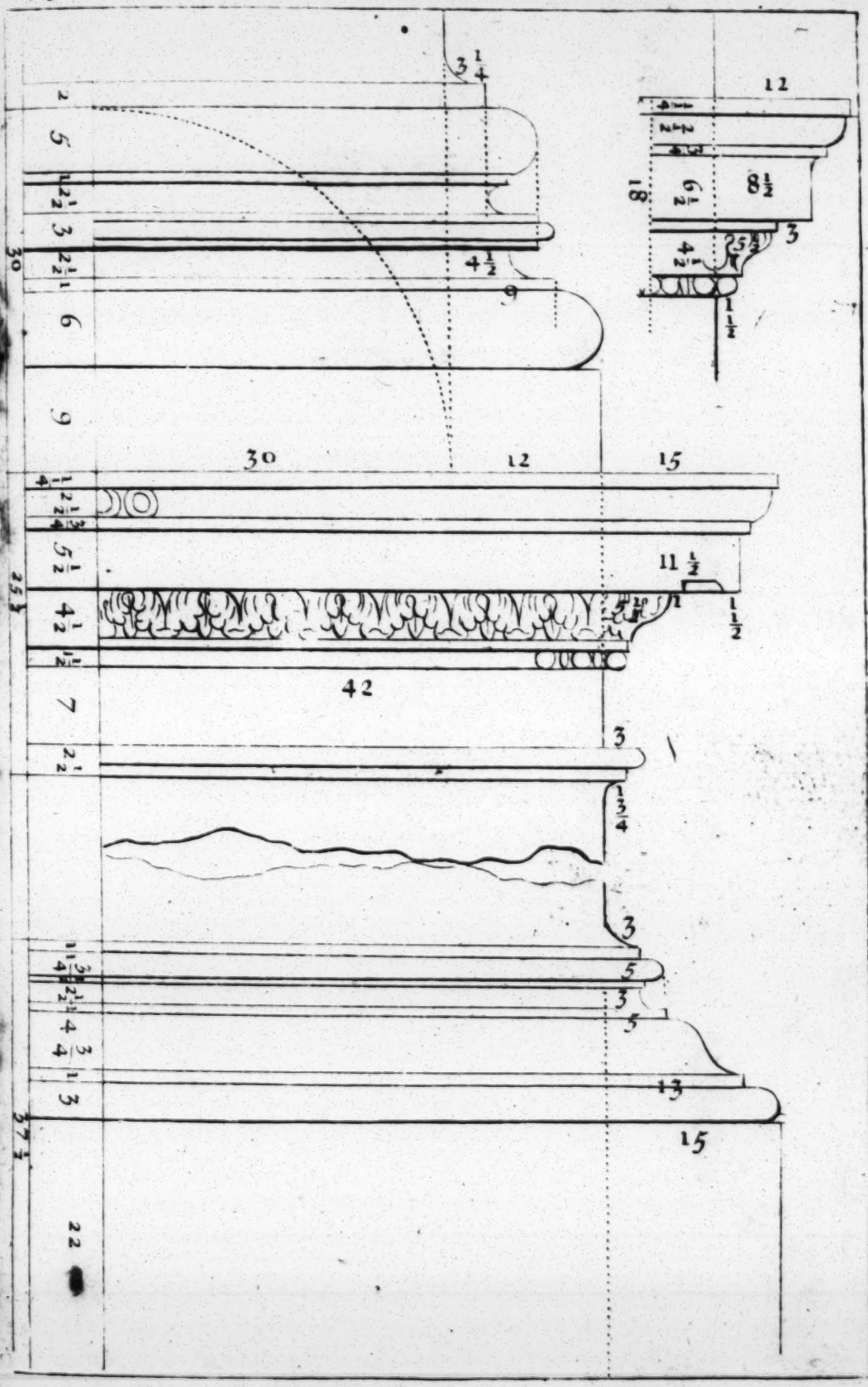
CORINTHIAN ORDER.



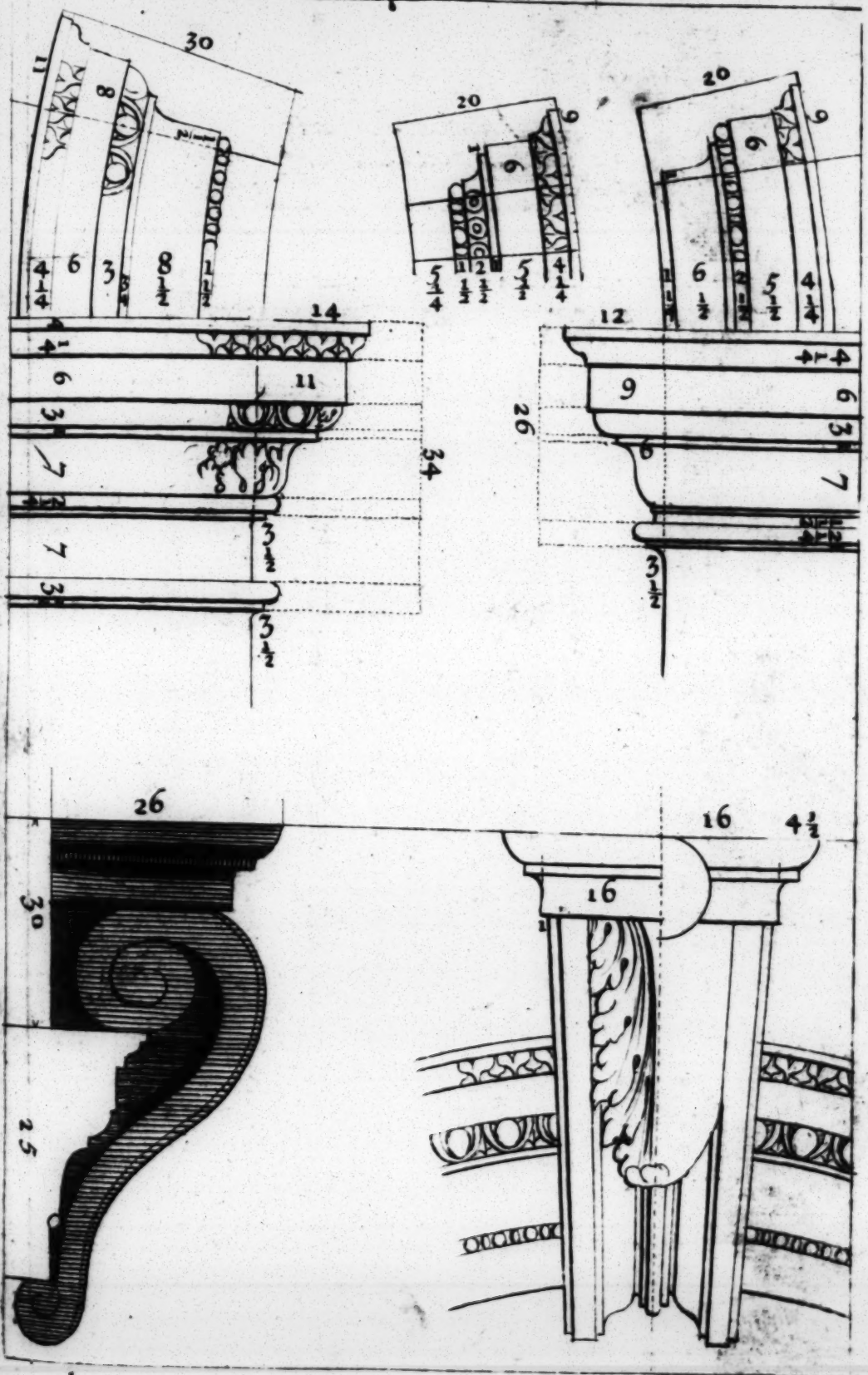
CORINTHIAN. ORDER.



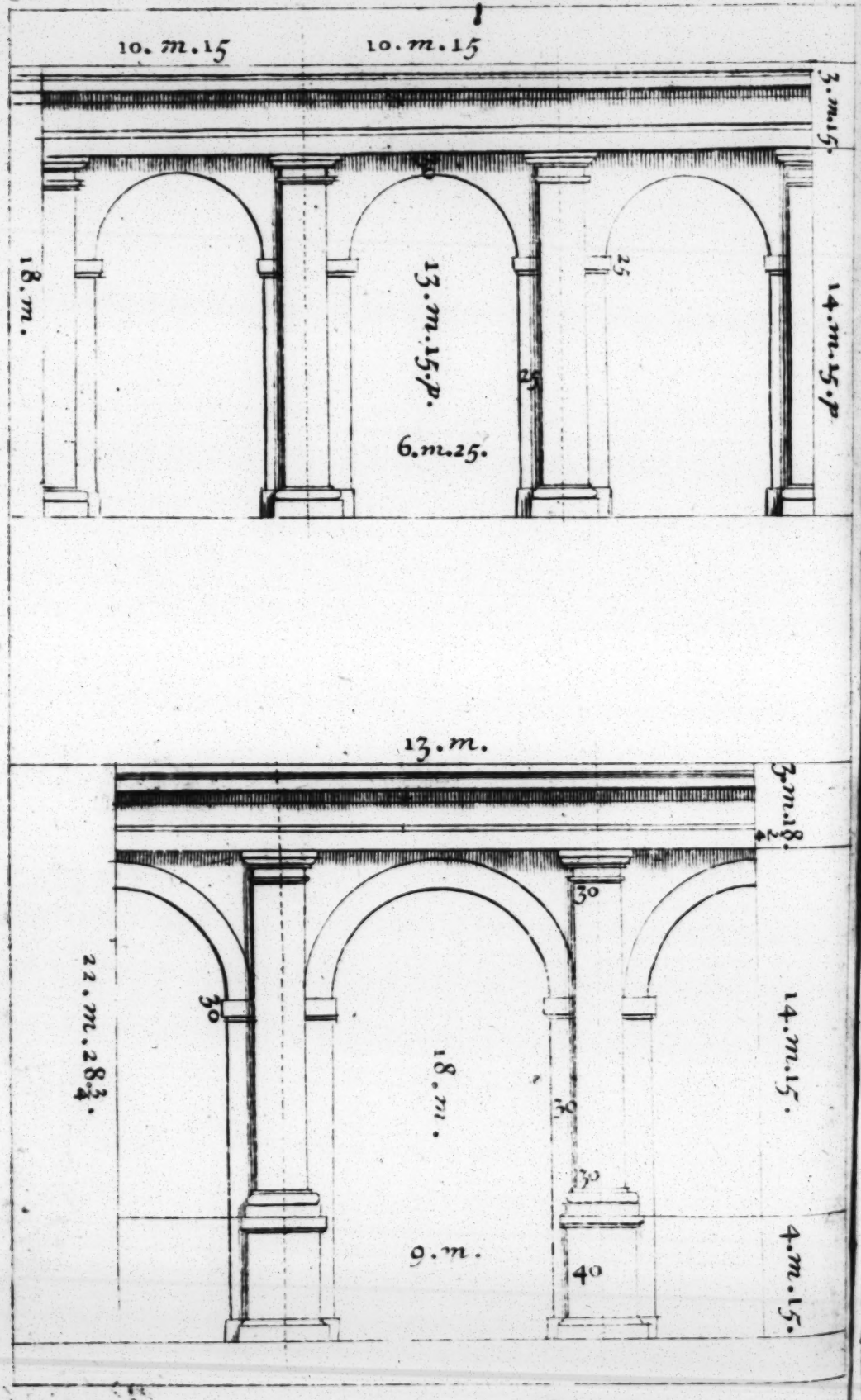
CORINTHIAN. ORDER.



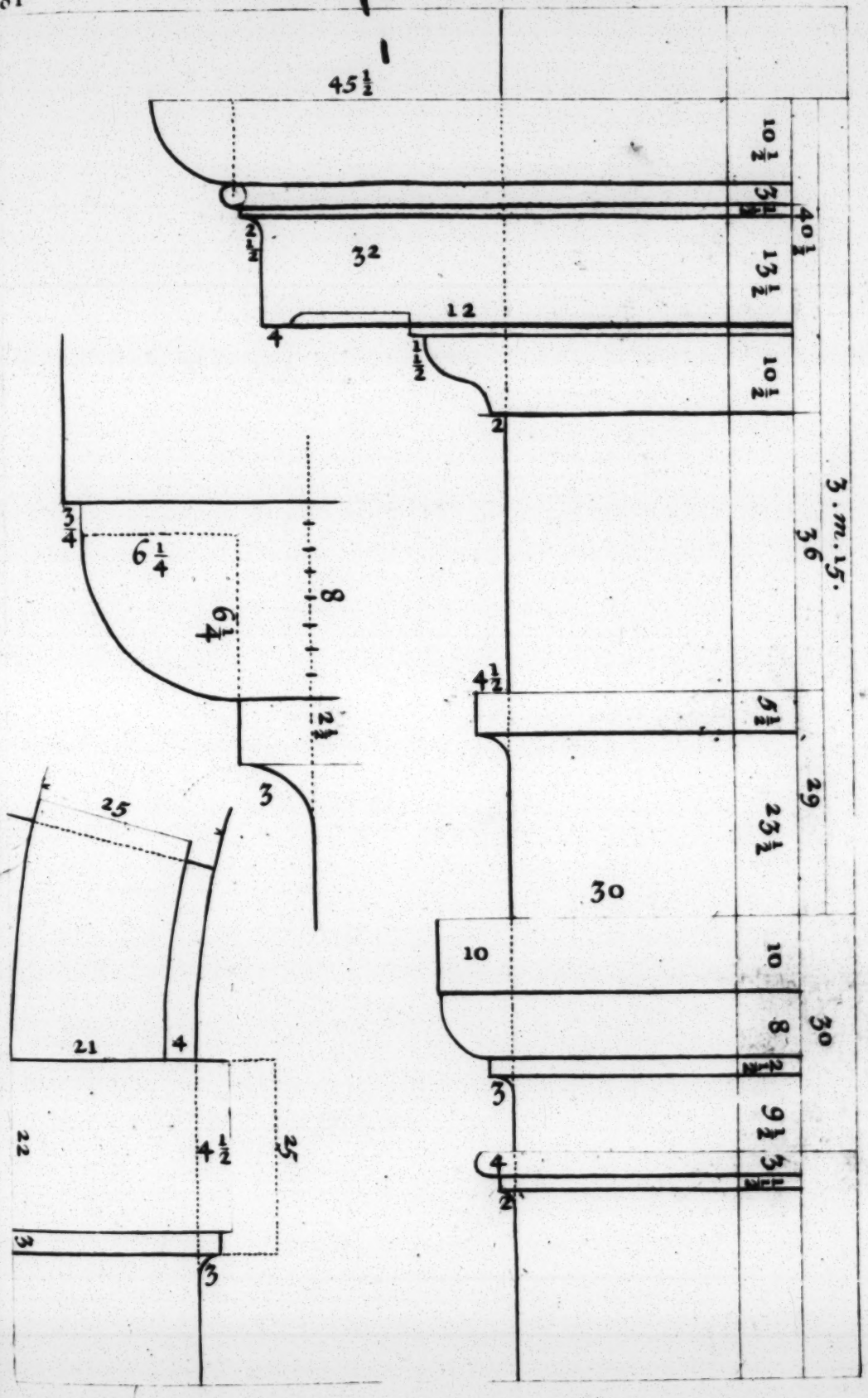
30
6. m. 22.
7


30
11
8
6
3
8½
1½
4¼
20
9
6
5¼
2
½
5½
4¼
20
9
6
6½
5½
4¼
14
11
34
7
3½
12
9
26
6
4½
16
4½
16
30
25

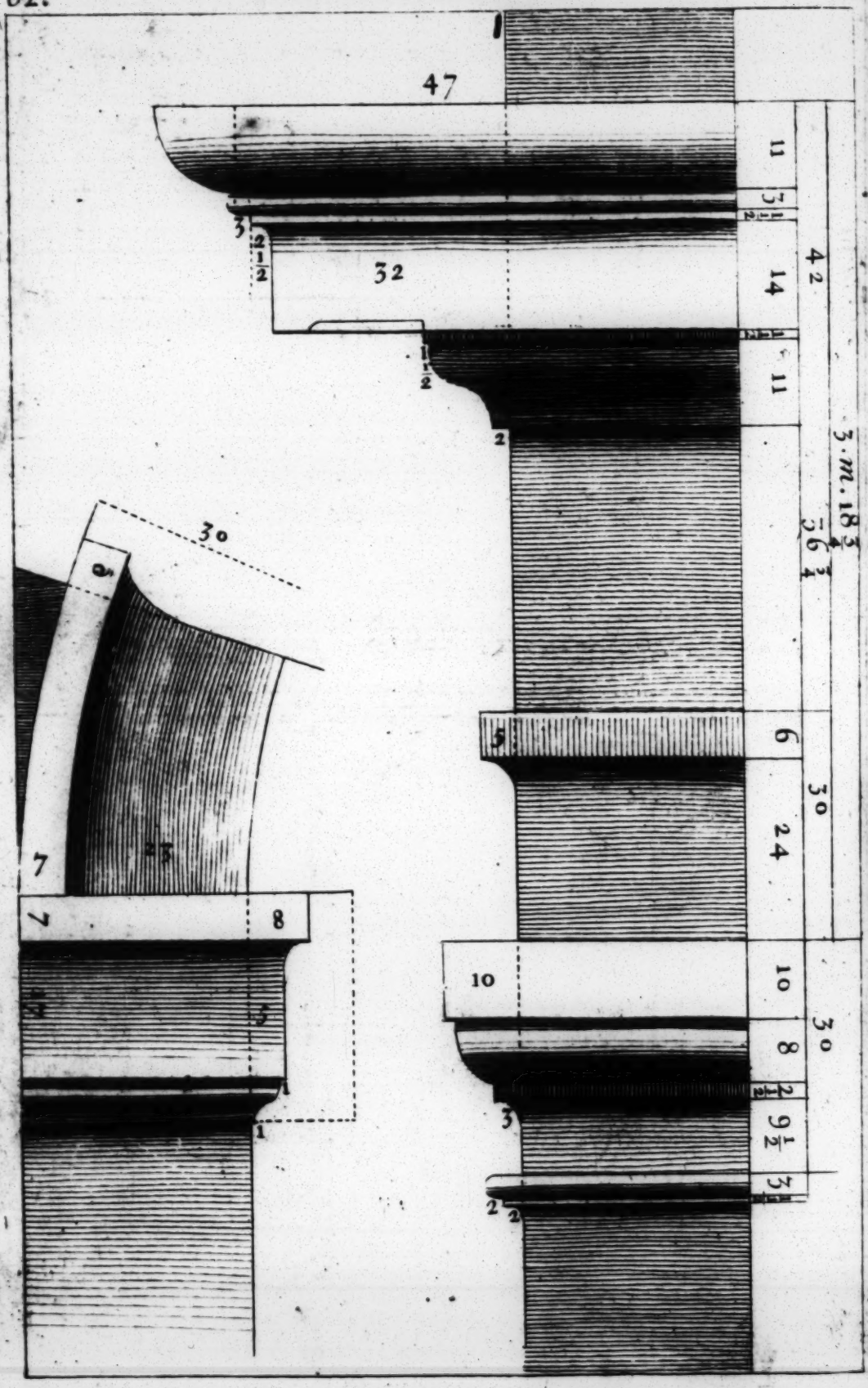
TUSCAN. ORDER.



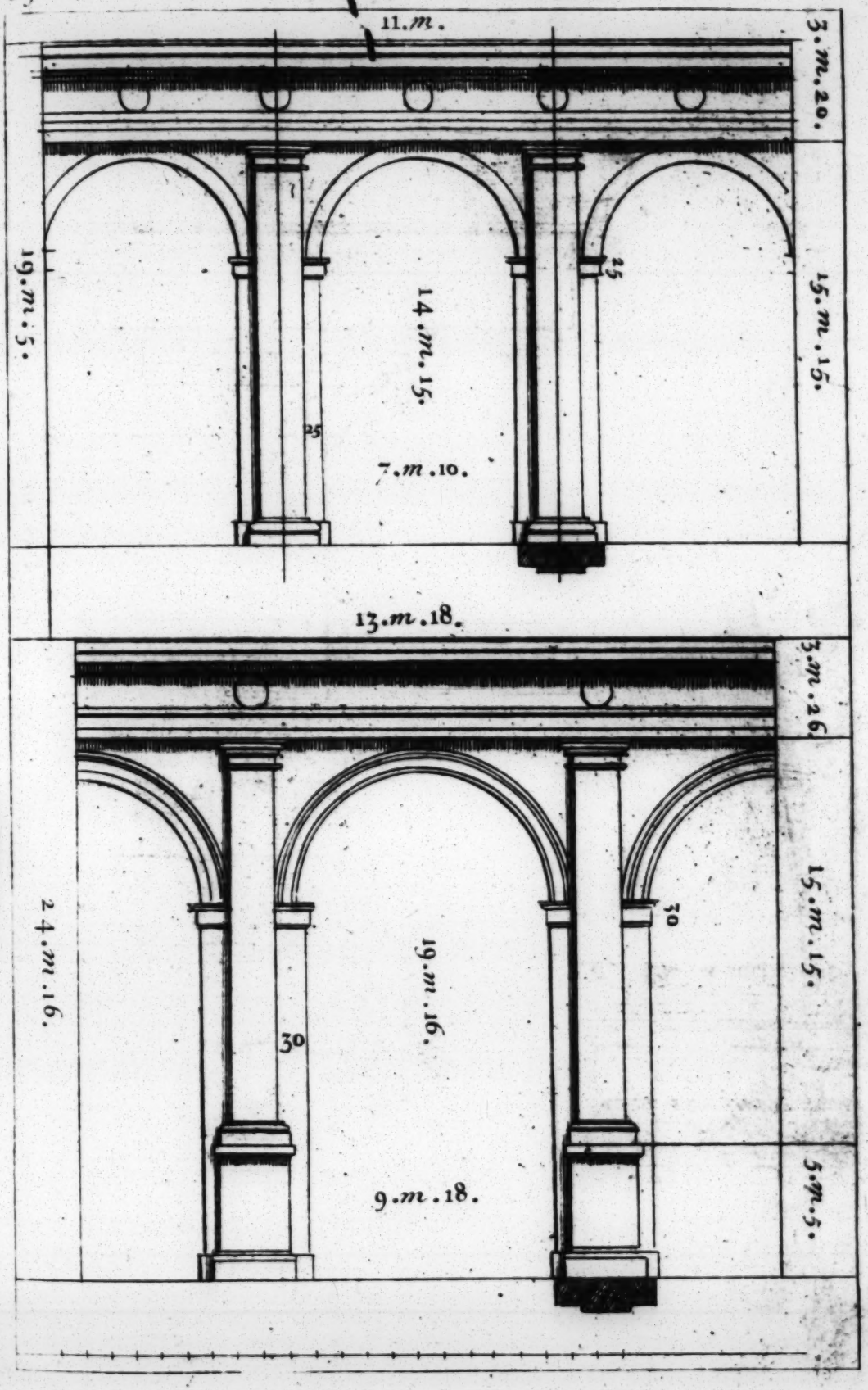
TUSCAN, ORDER.



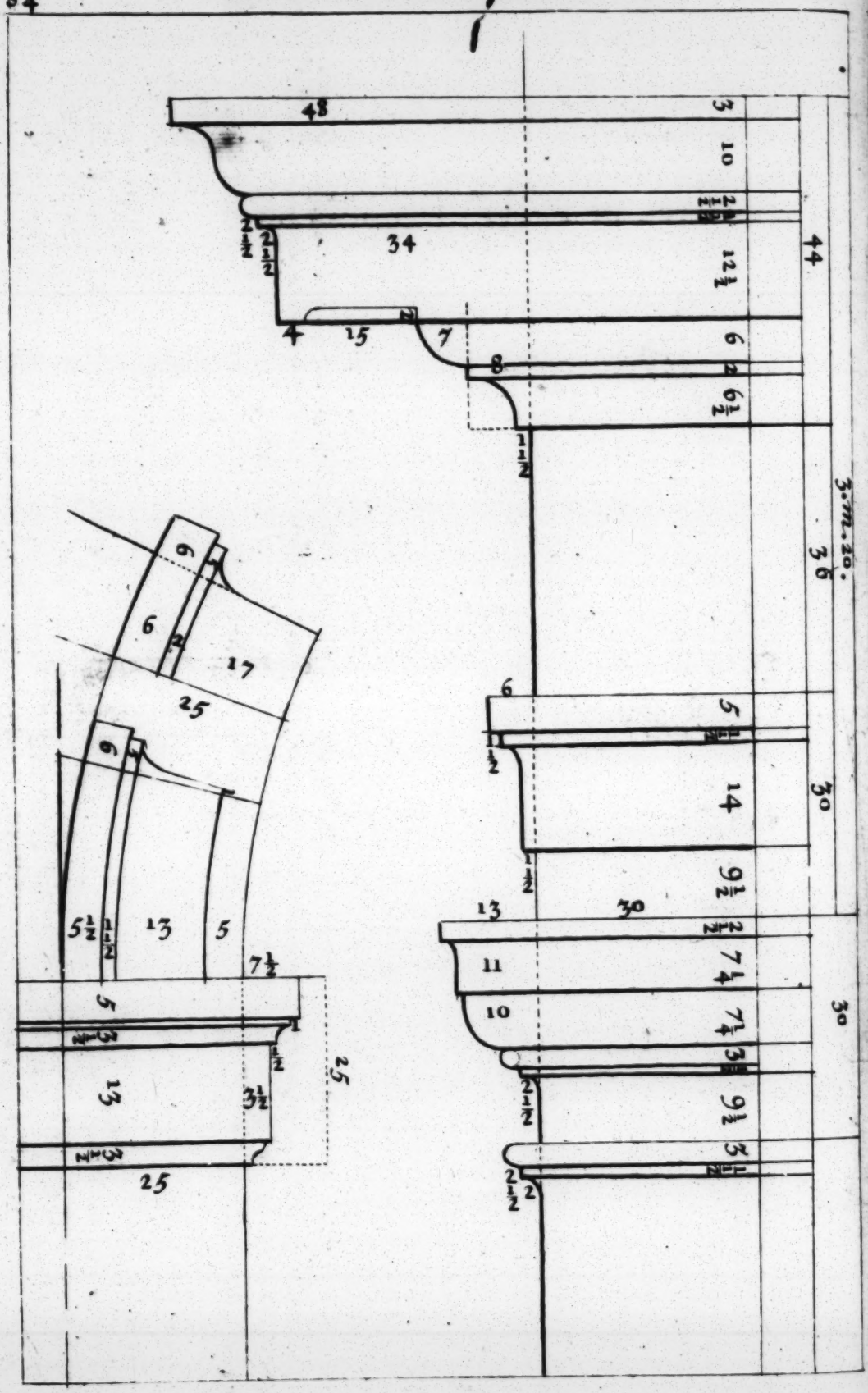
TUSCAN ORDER.



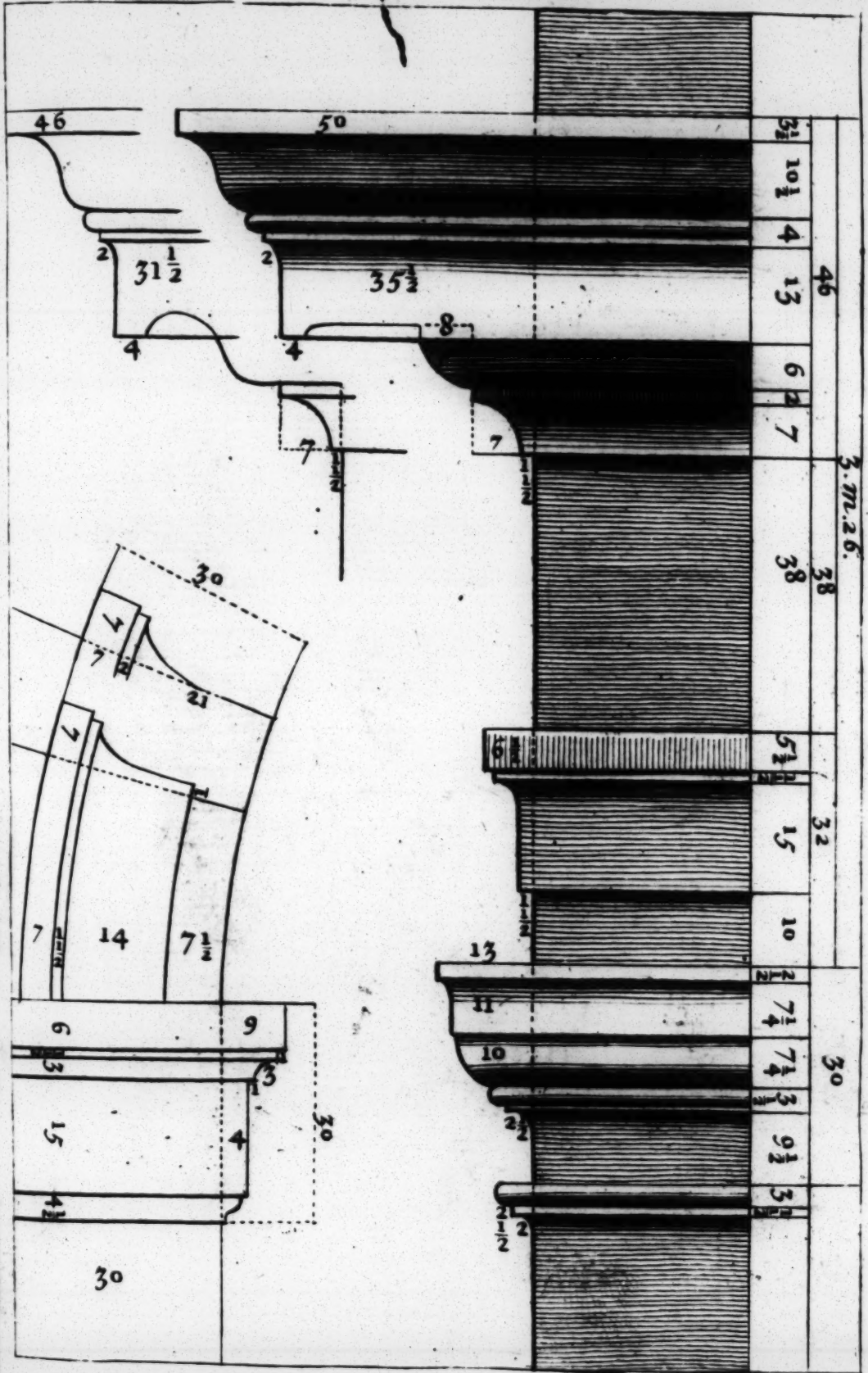
II. Tuscan Order.



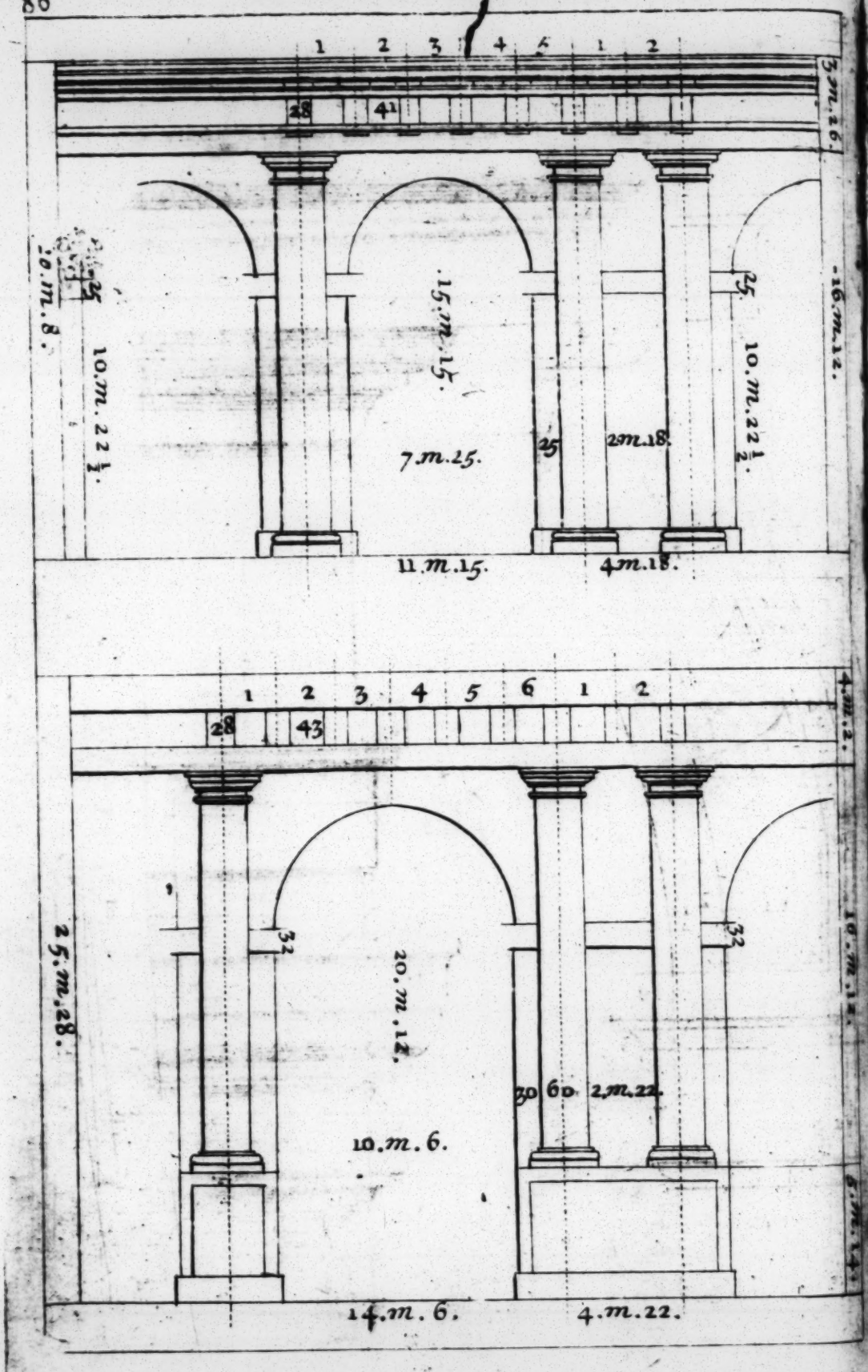
II TUSCAN. ORDER.



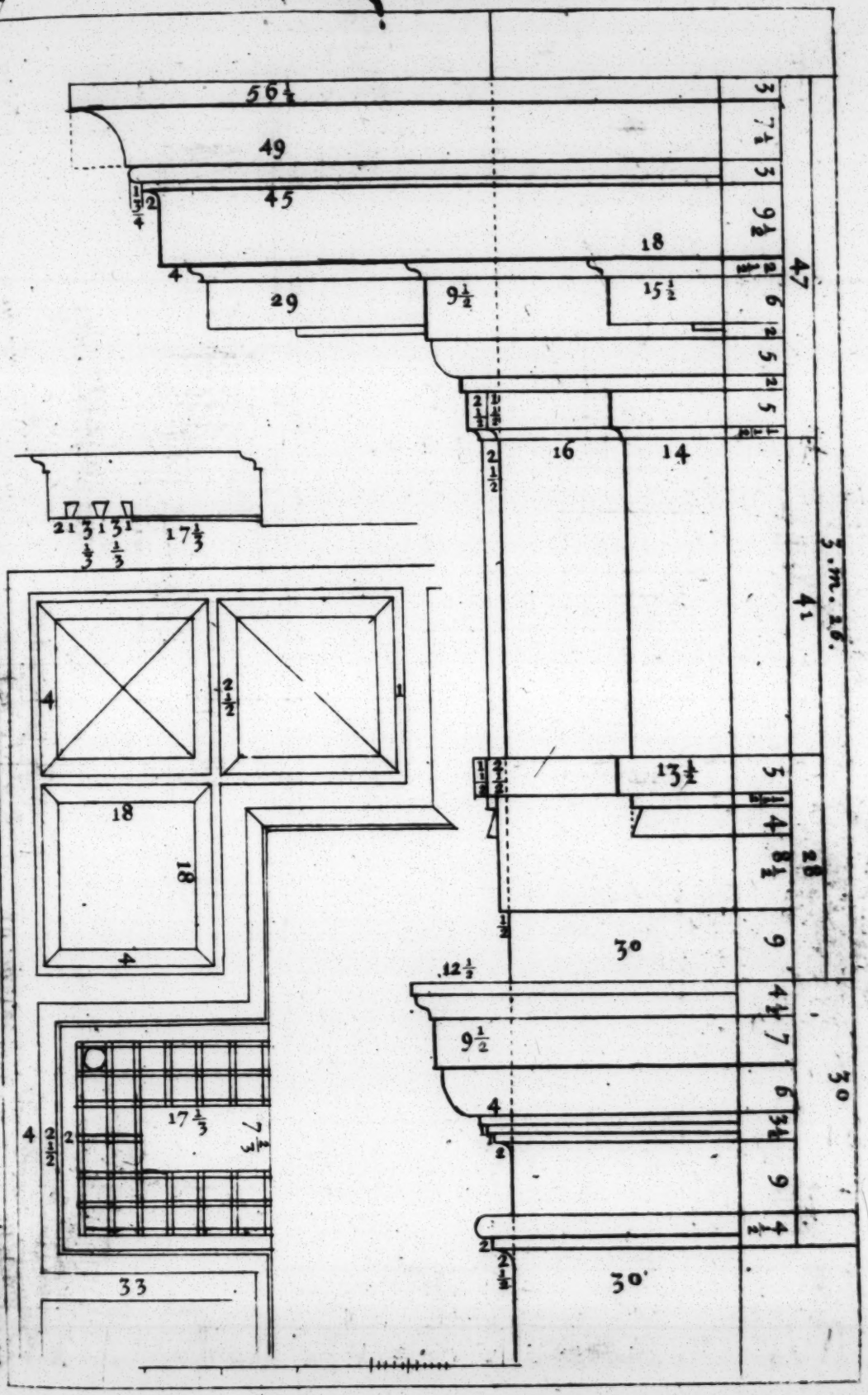
II. Tuscan Order.

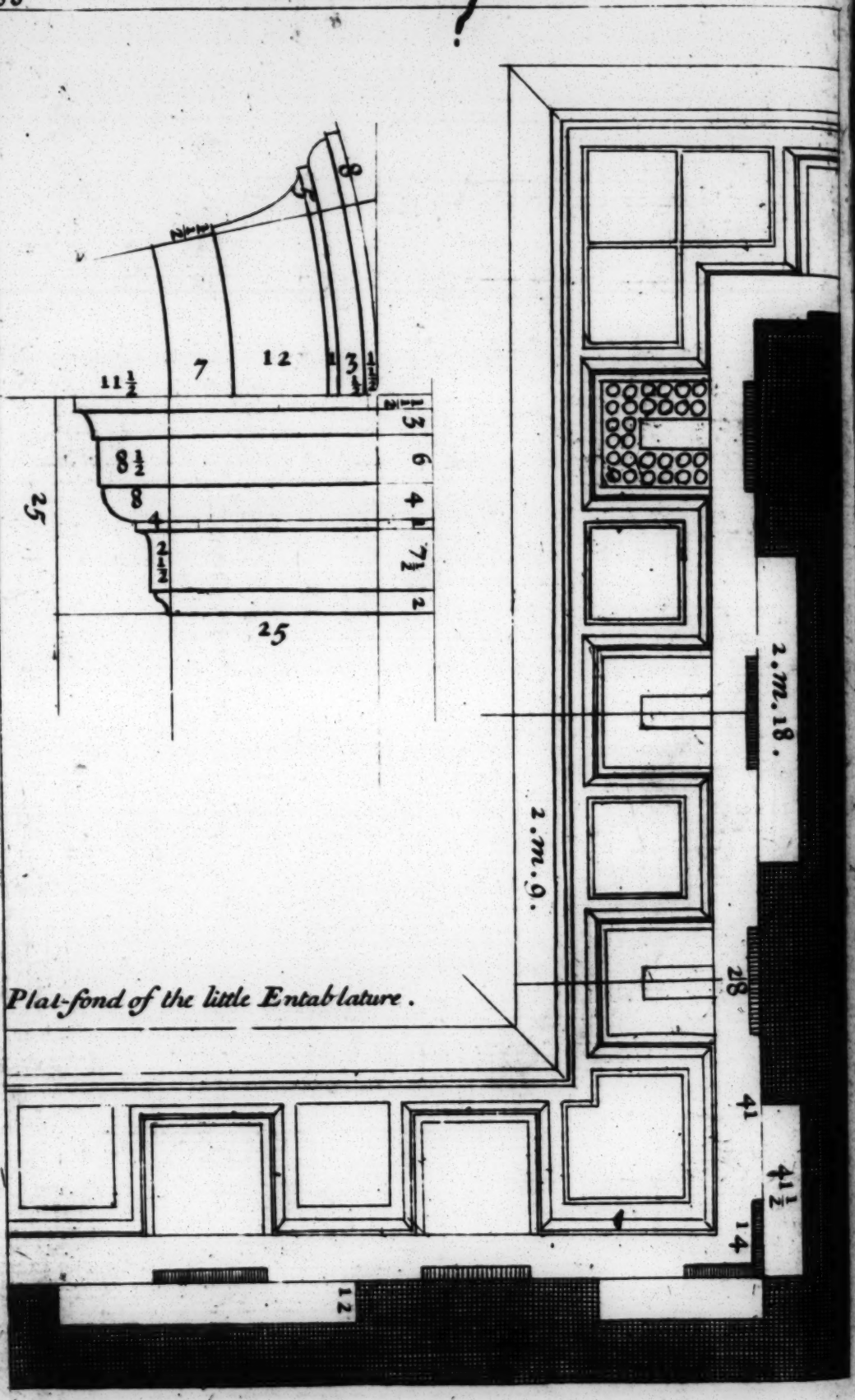


DORIC ORDER.


1 2 3 4 5 1 2
3.m.26.
28
41
10.m.8.
25
10.m.22½.
15.m.15.
7.m.25.
25
2m.18.
25
10.m.22½.
16.m.12.
11.m.15.
4m.18.
1 2 3 4 5 6 1 2
4.m.2.
28
43
25.m.28.
32
20.m.12.
10.m.6.
30
60
2.m.22.
32
10.m.12.
5.m.14.
14.m.6.
4.m.22.

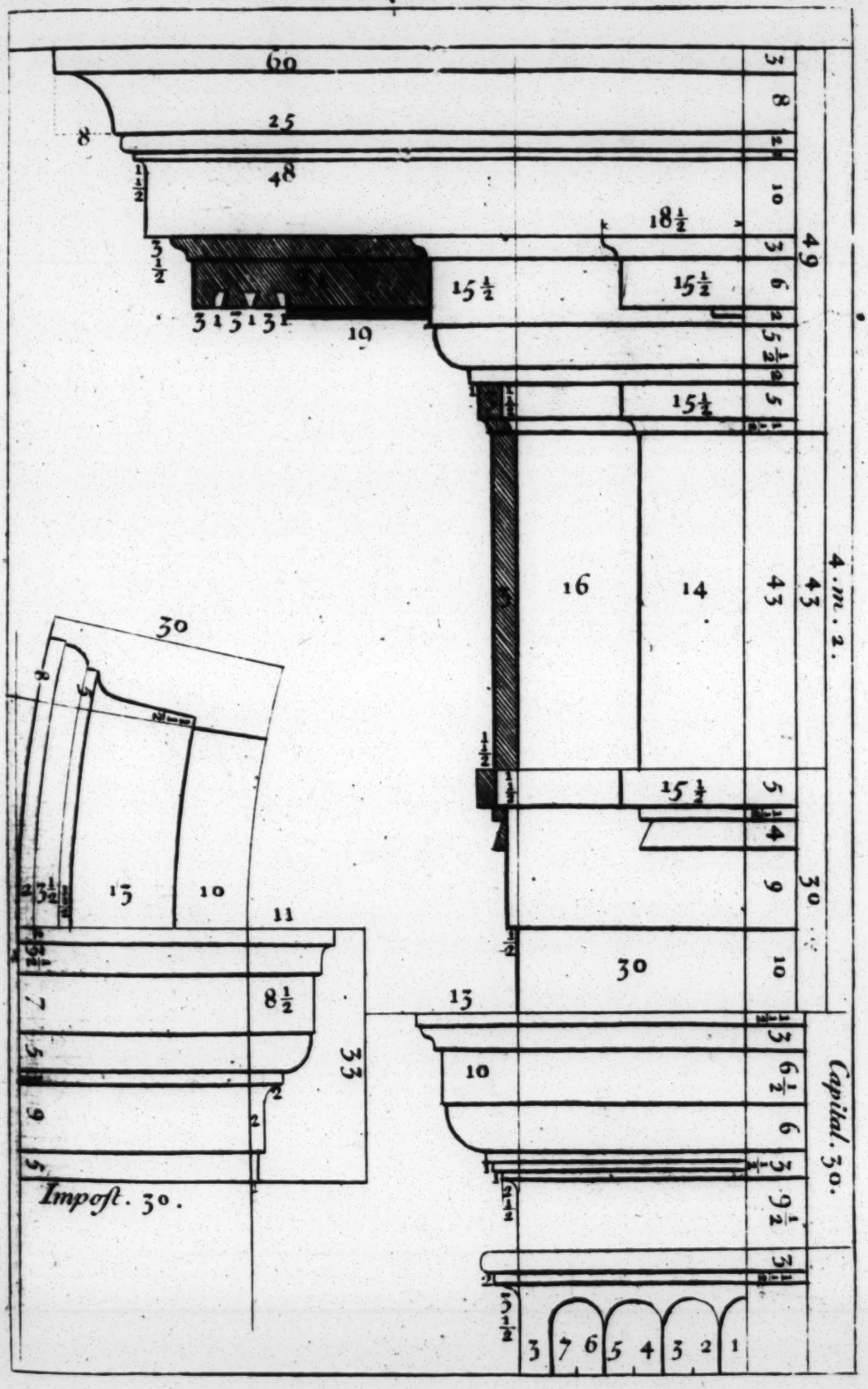
DORIC ORDER.

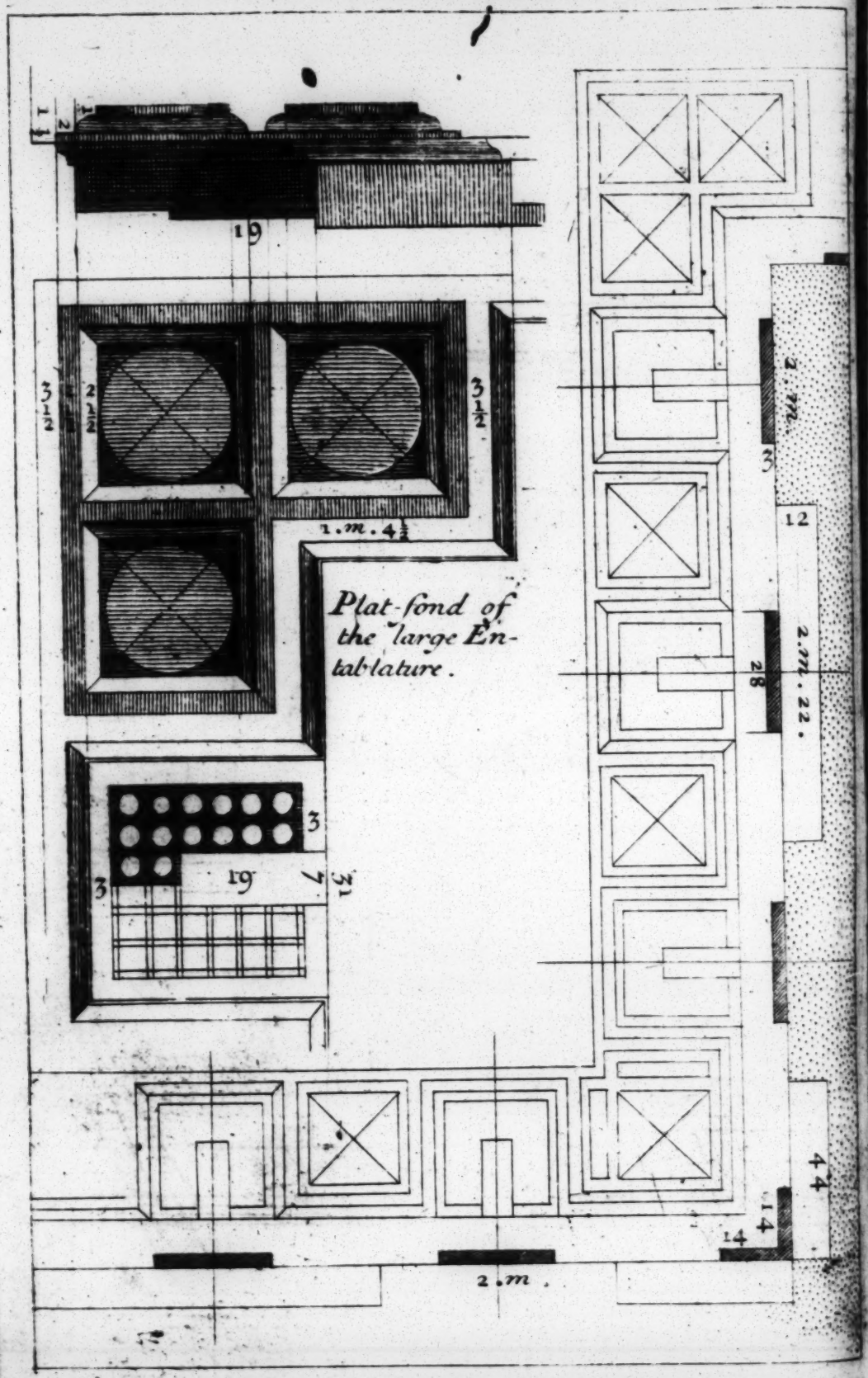

56¼
49
45
18
29
9½
15½
16
14
17⅓
13½
18
18
4
4
2½
2½
1
12½
9½
17⅓
7⅓
33
30
30
47
41
28
30
3 m. 26.



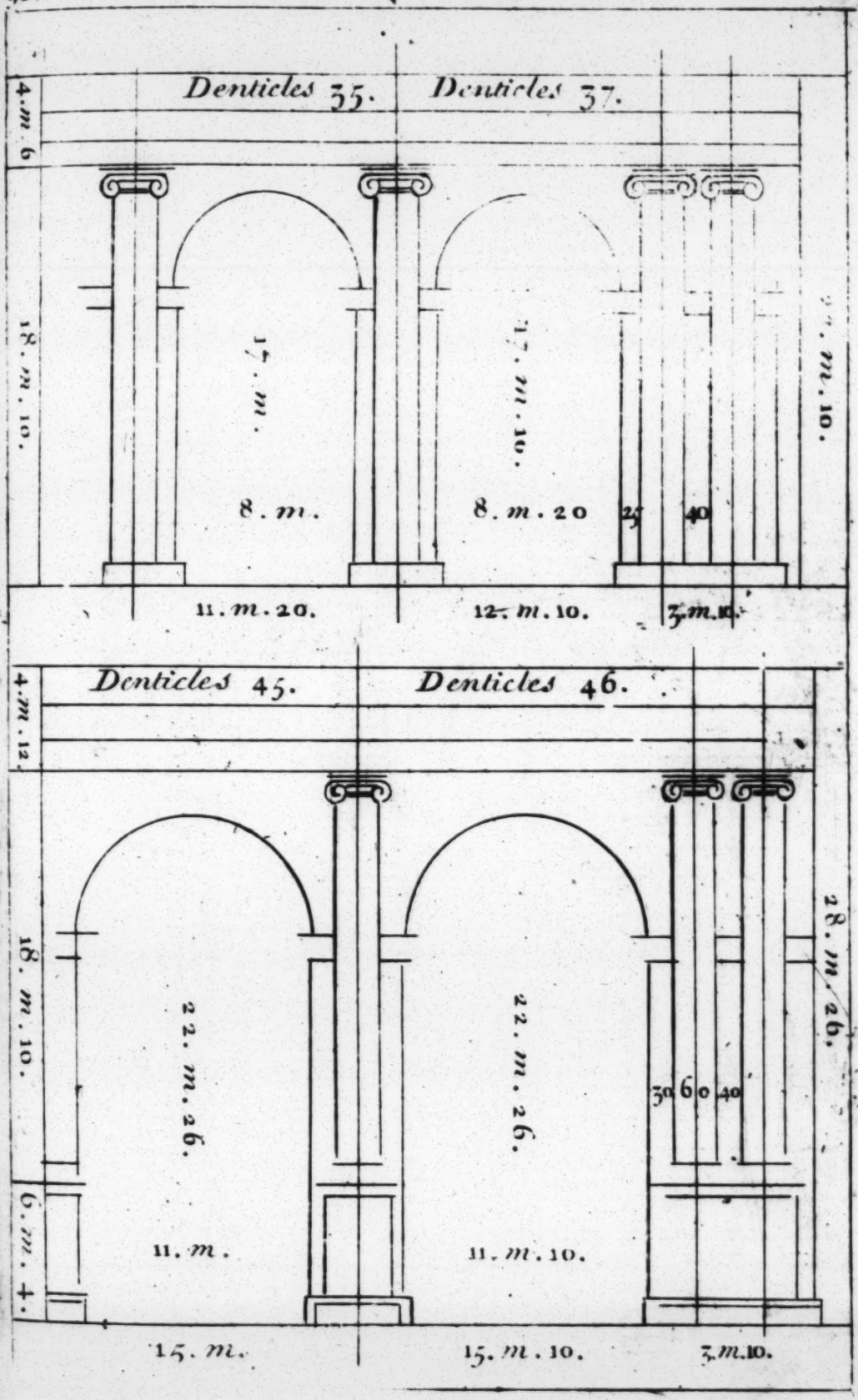
Plat-fond of the little Entablature.

DORIC ORDER

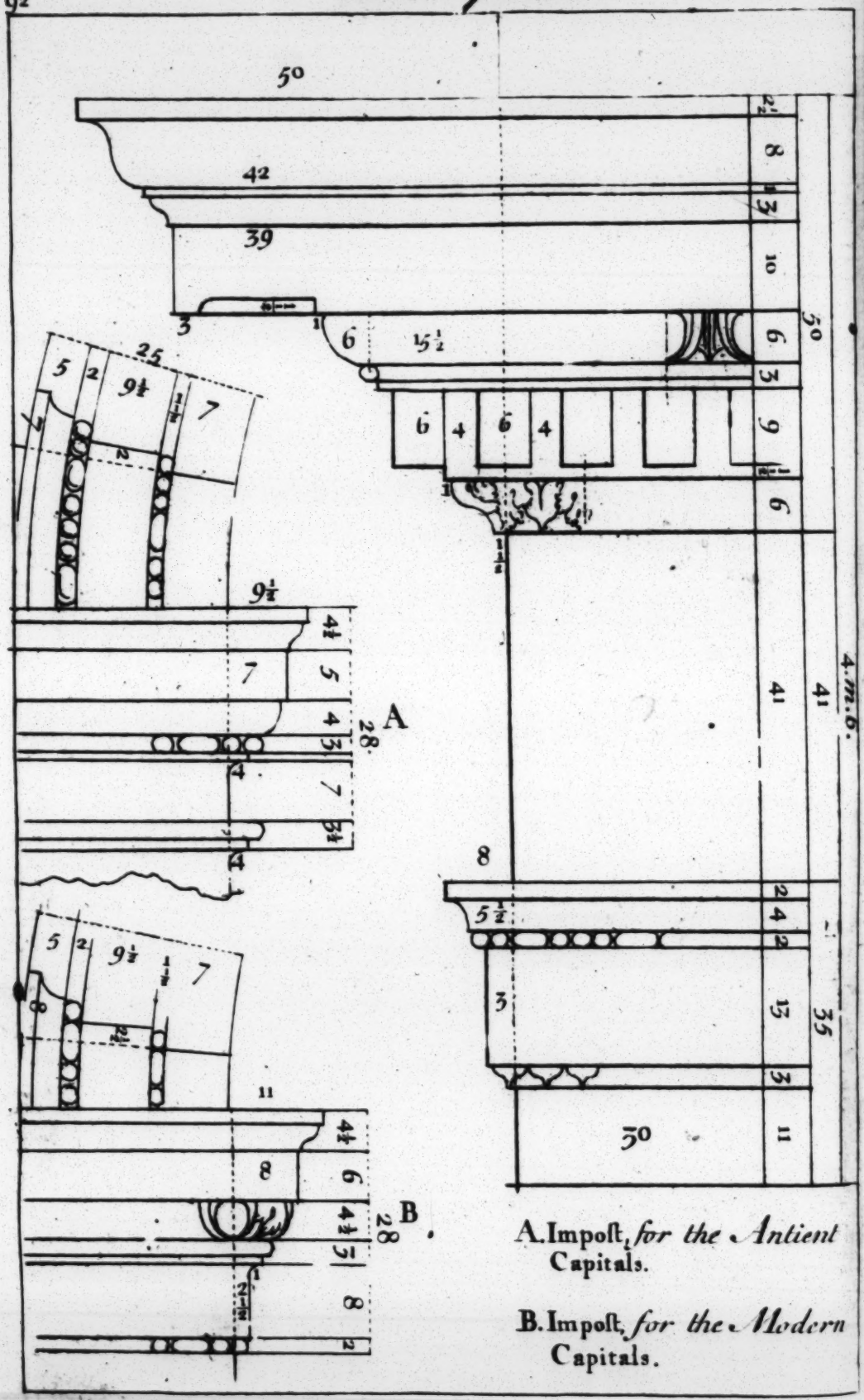

60
25
48
18½
15½
15½
15½
19
16
14
43
43
4. m. 2.
30
30
30
15
13
10
11
8½
33
10
Capital. 30.
Impost. 30.
3 7 6 5 4 3 2 1


19
3½
2½
3½
1.m.4½
Plat-fond of the large Entablature.
3
3
19
7
31
2.m.
12
2.m.22.
28
44
14
14
2.m.

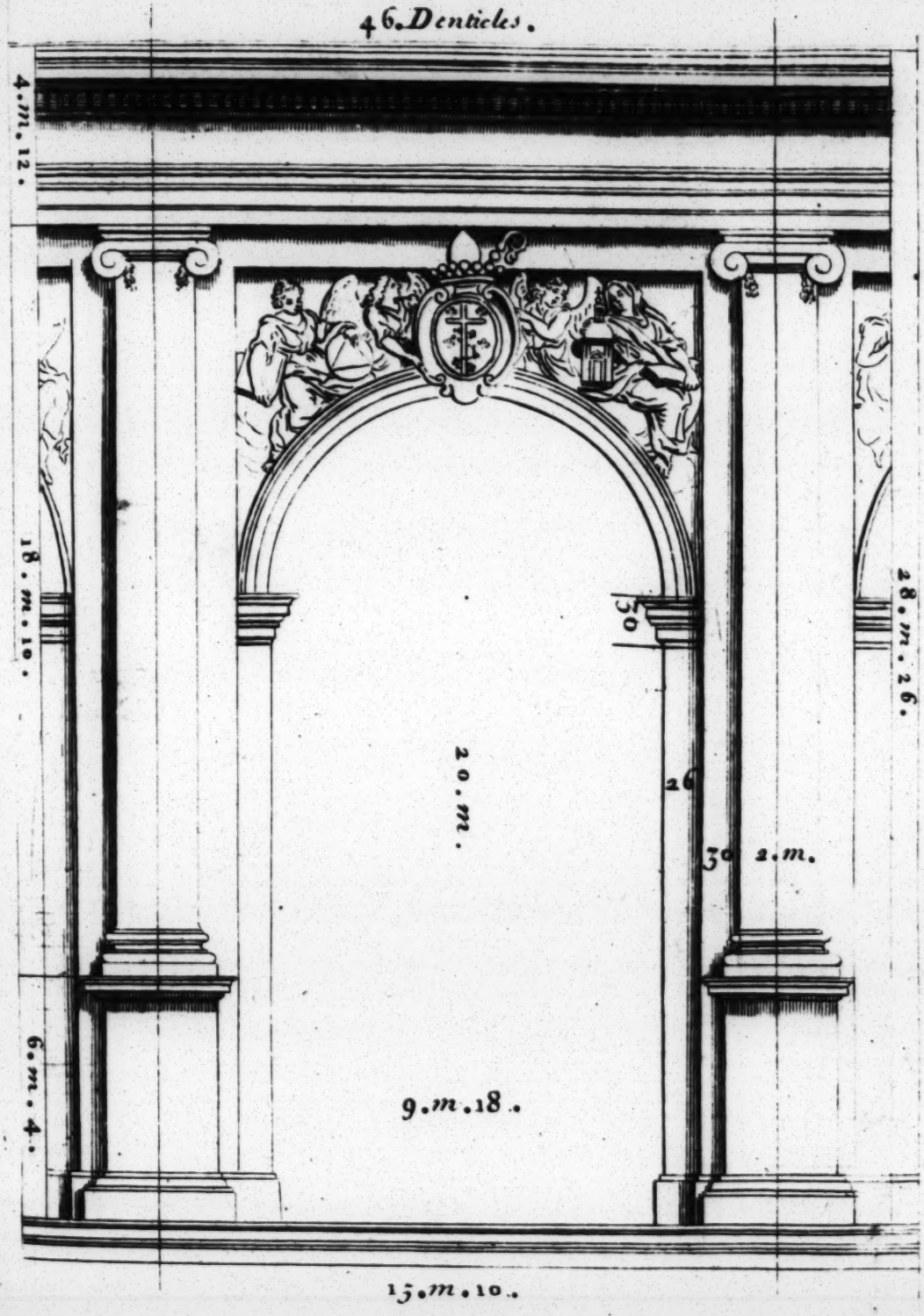
IONIC ORDER.


Denticles 35.
Denticles 37.
4. m. 6
18. m. 10.
17. m.
17. m. 10.
8. m.
8. m. 20
25
40
28. m. 10.
11. m. 20.
12. m. 10.
3. m. 10.
Denticles 45.
Denticles 46.
4. m. 12
18. m. 10.
22. m. 26.
22. m. 26.
30
60
40
28. m. 26.
6. m. 4.
11. m.
11. m. 10.
15. m.
15. m. 10.
3. m. 10.

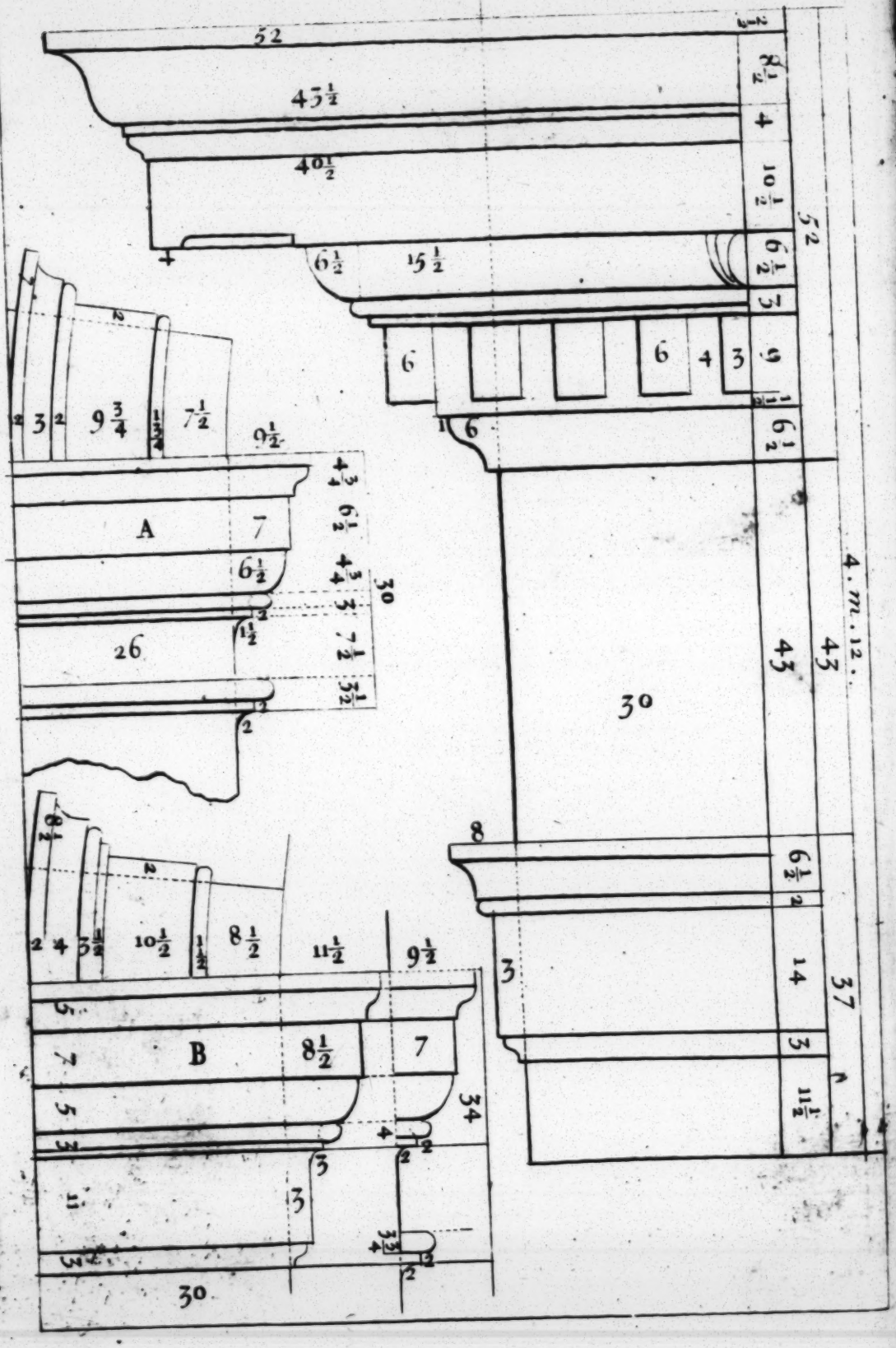
IONIC ORDER.


50
42
39
3
1
6
15½
25
5
2
9½
7
9½
A
28
4
11
8
B
28
4.m.6.
41
41
35
50
A. Impoſt, for the Antient Capitals.
B. Impoſt, for the Modern Capitals.

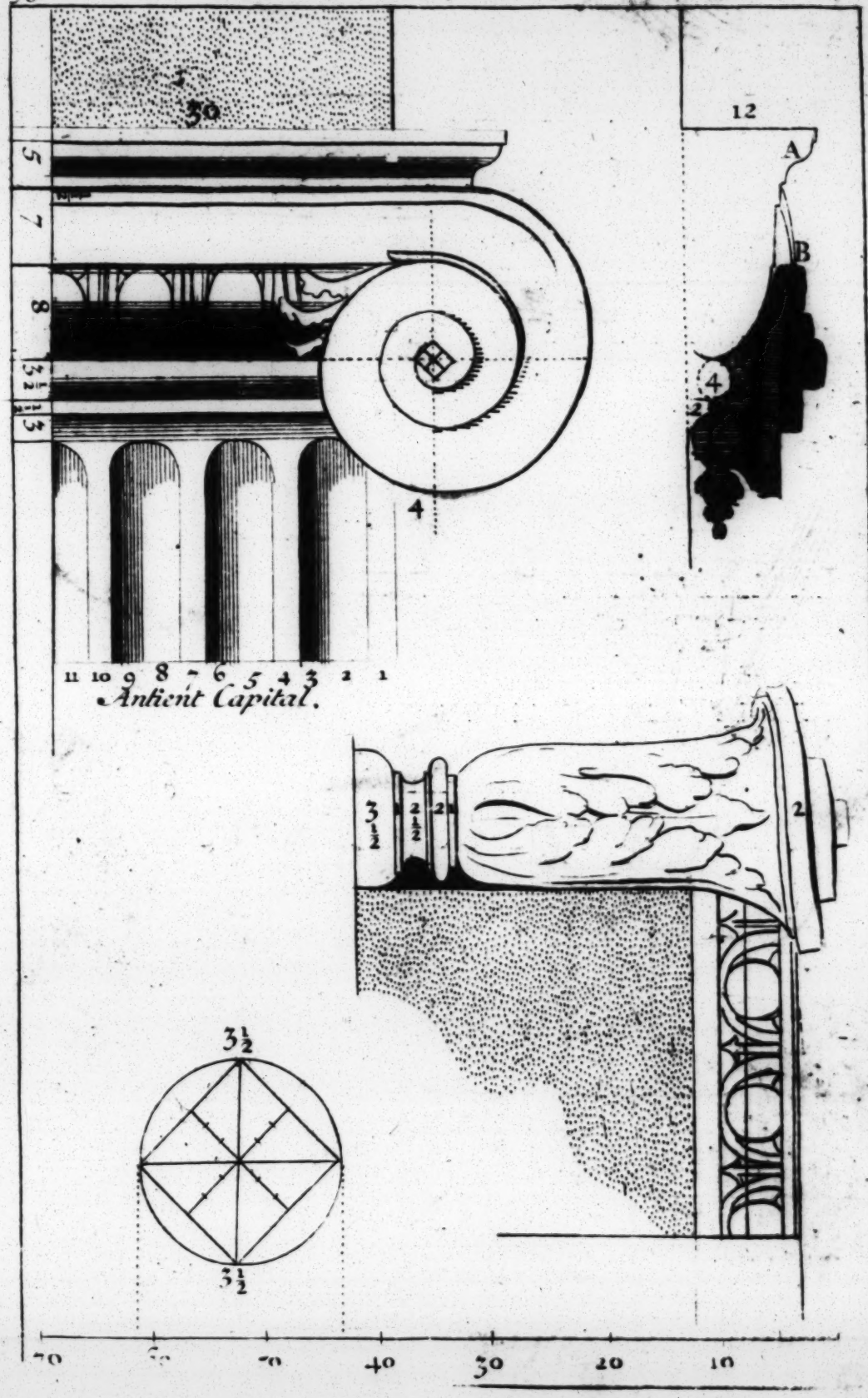
IONIC ORDER



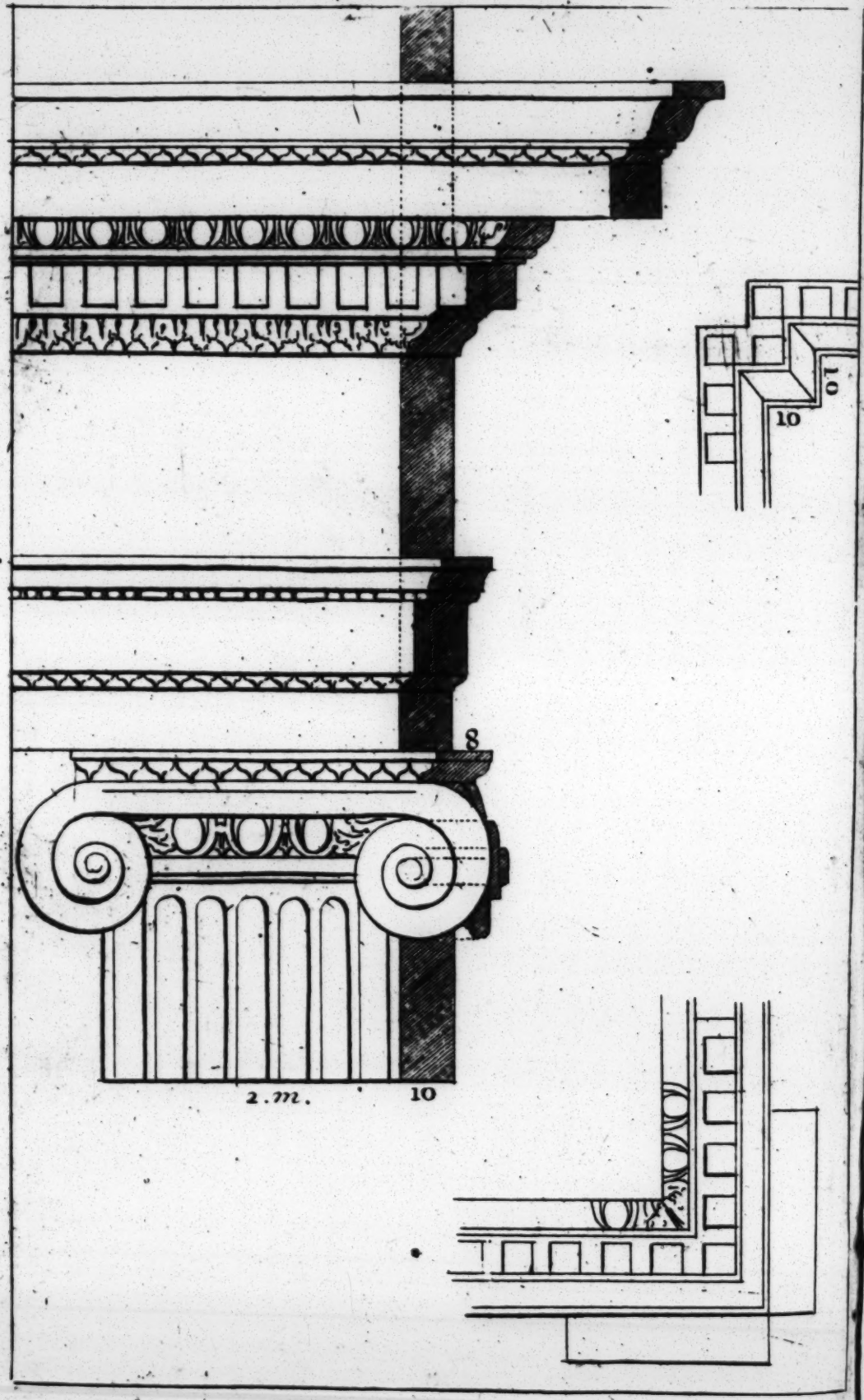
IONIC ORDER.

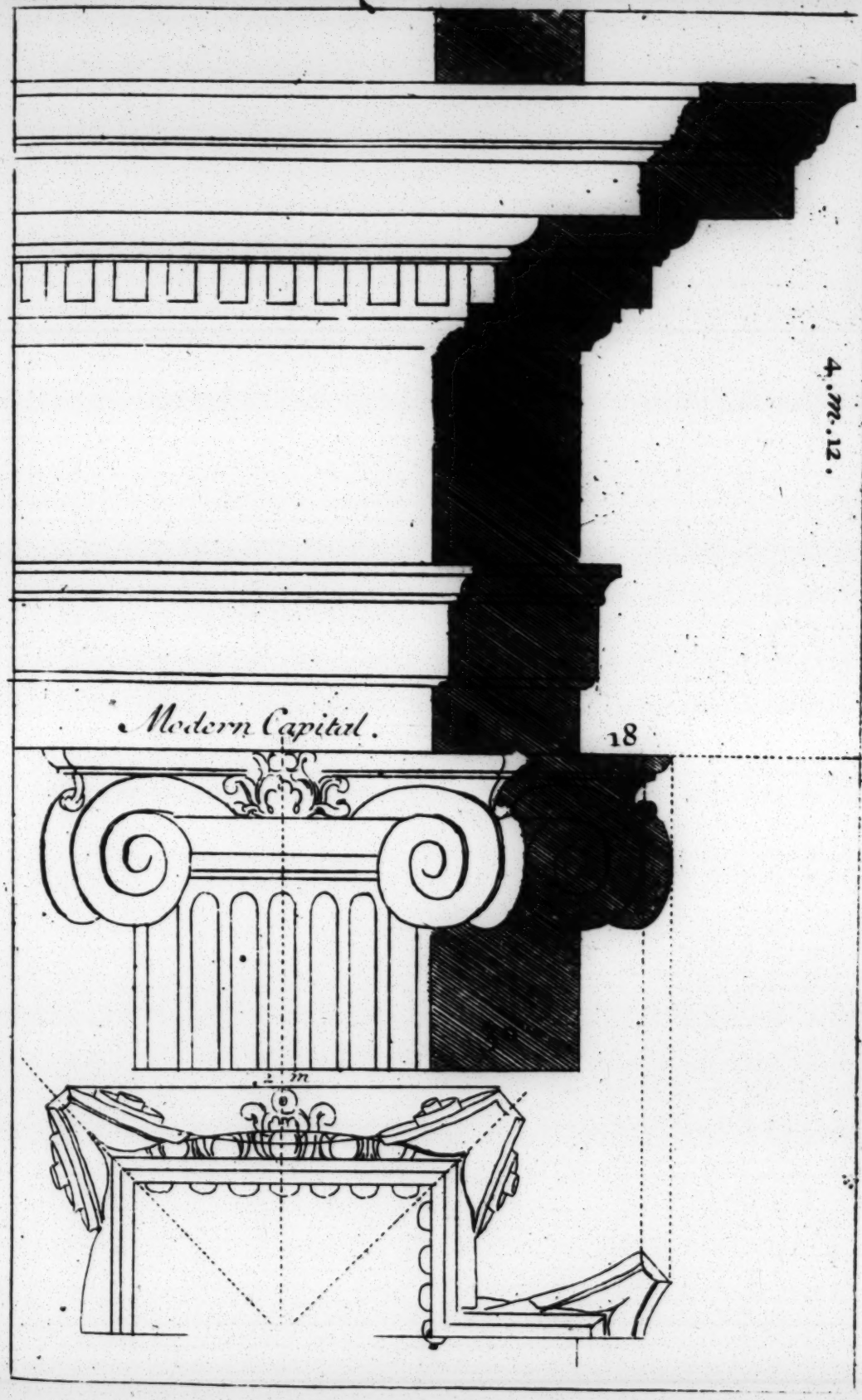

52
45½
40½
15½
6½
6
6
4
3
A
7
6½
26
30
43
4. m. 12.
B
8½
7
34
11
3
30
14
37
11½
9½
10½
8½
11½

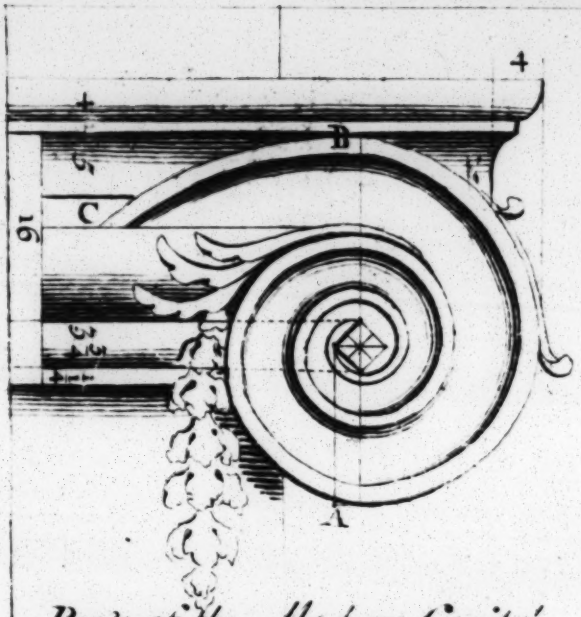
IONIC ORDER.



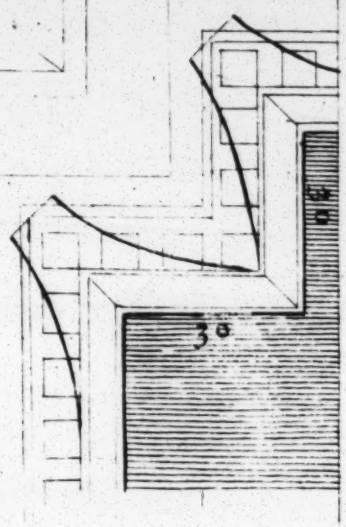
Antient Capital.


10
10
8
2.m.
10

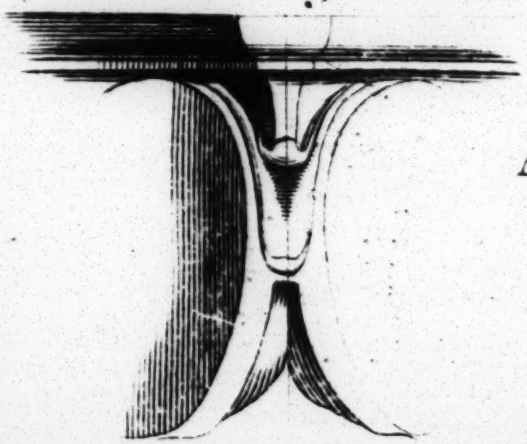

4. M. 12.
Modern Capital.
18

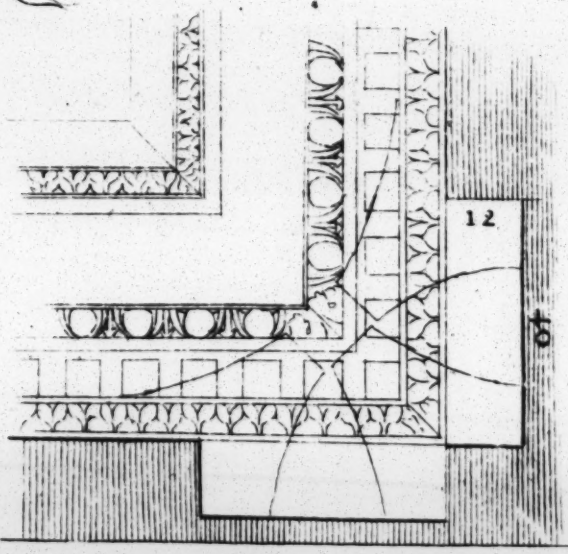


Parts of the Modern Capital View'd on the Angular Side.

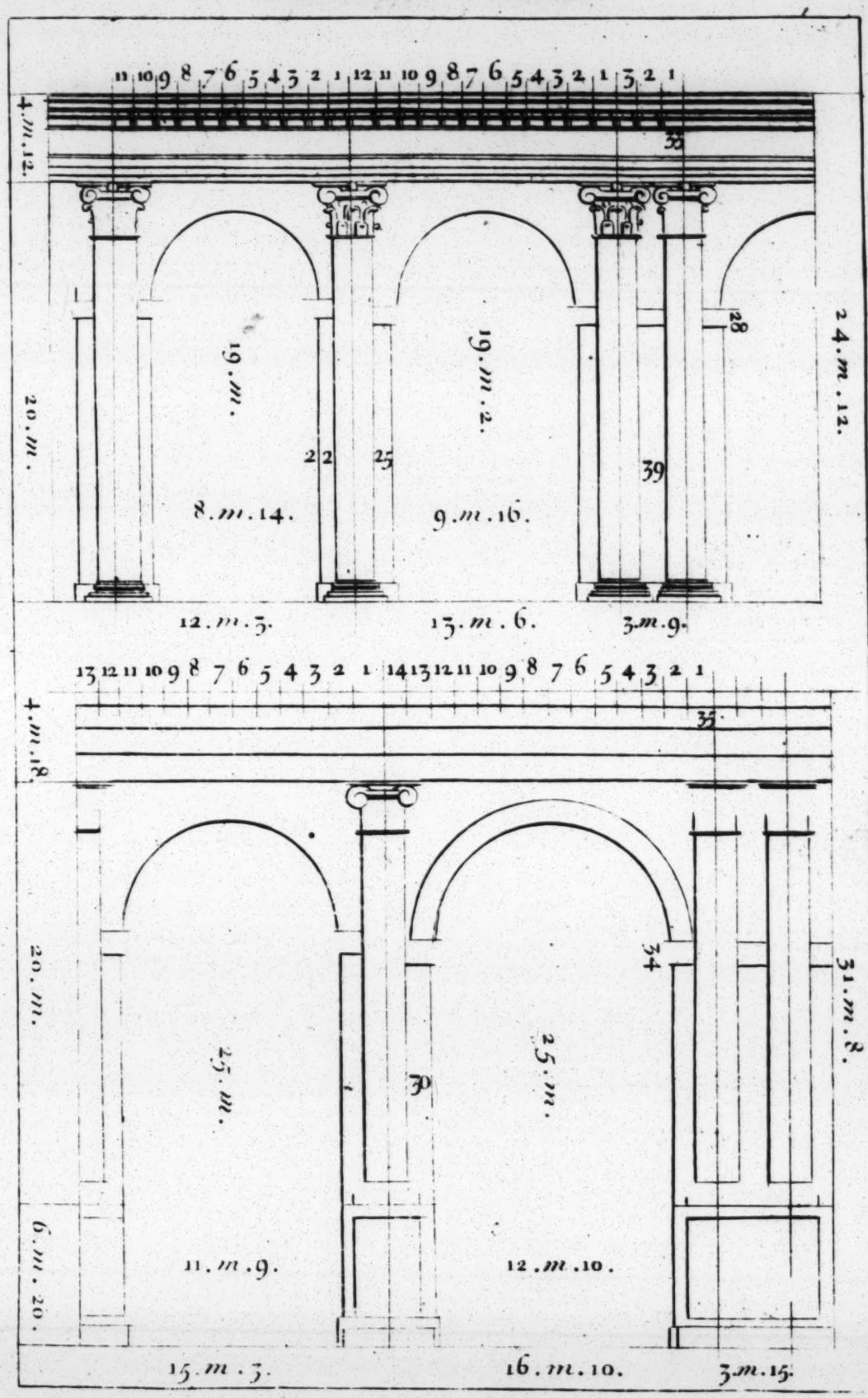


A *Center of the Arch* B.C.

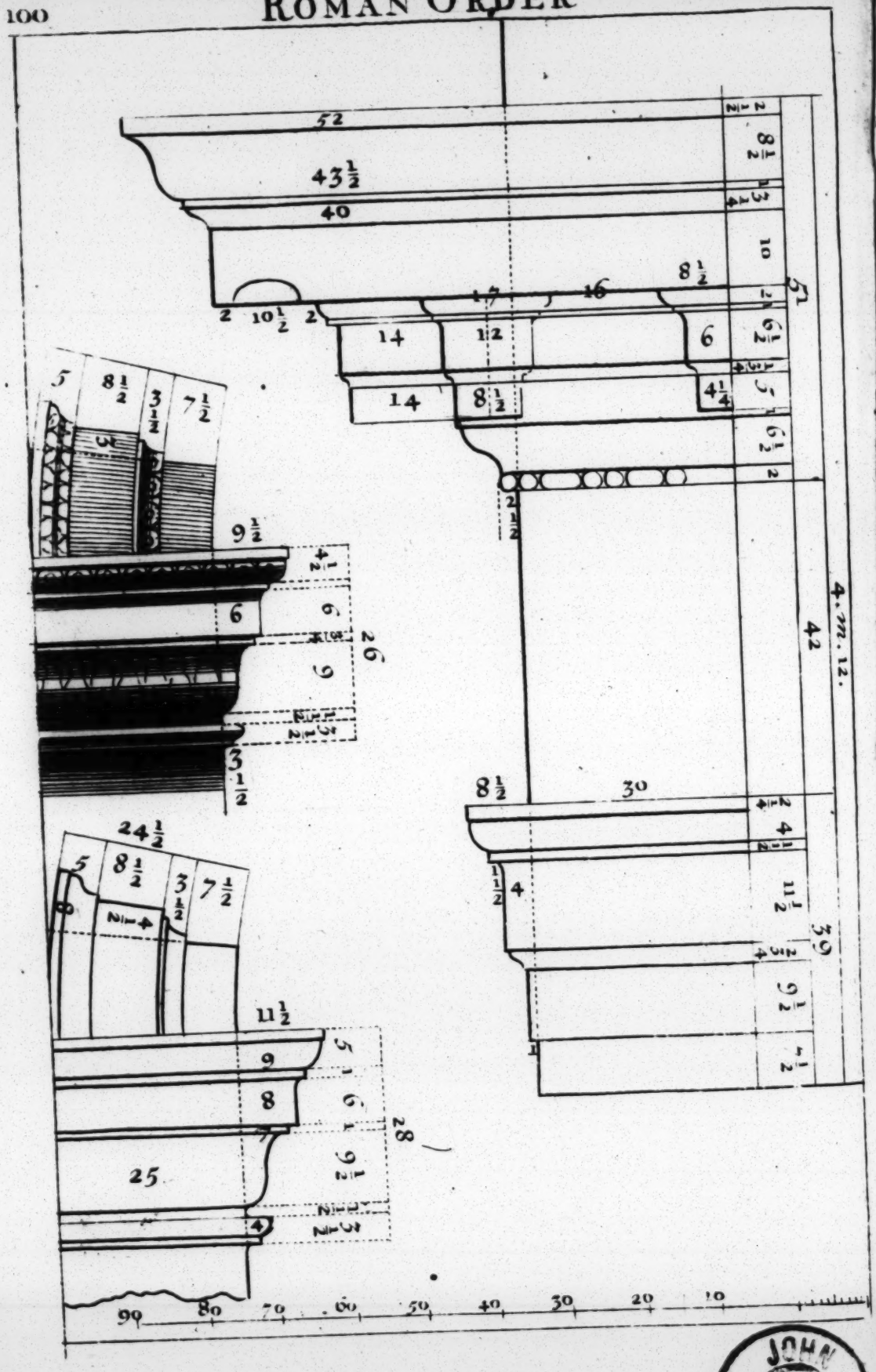




ROMAN ORDER.

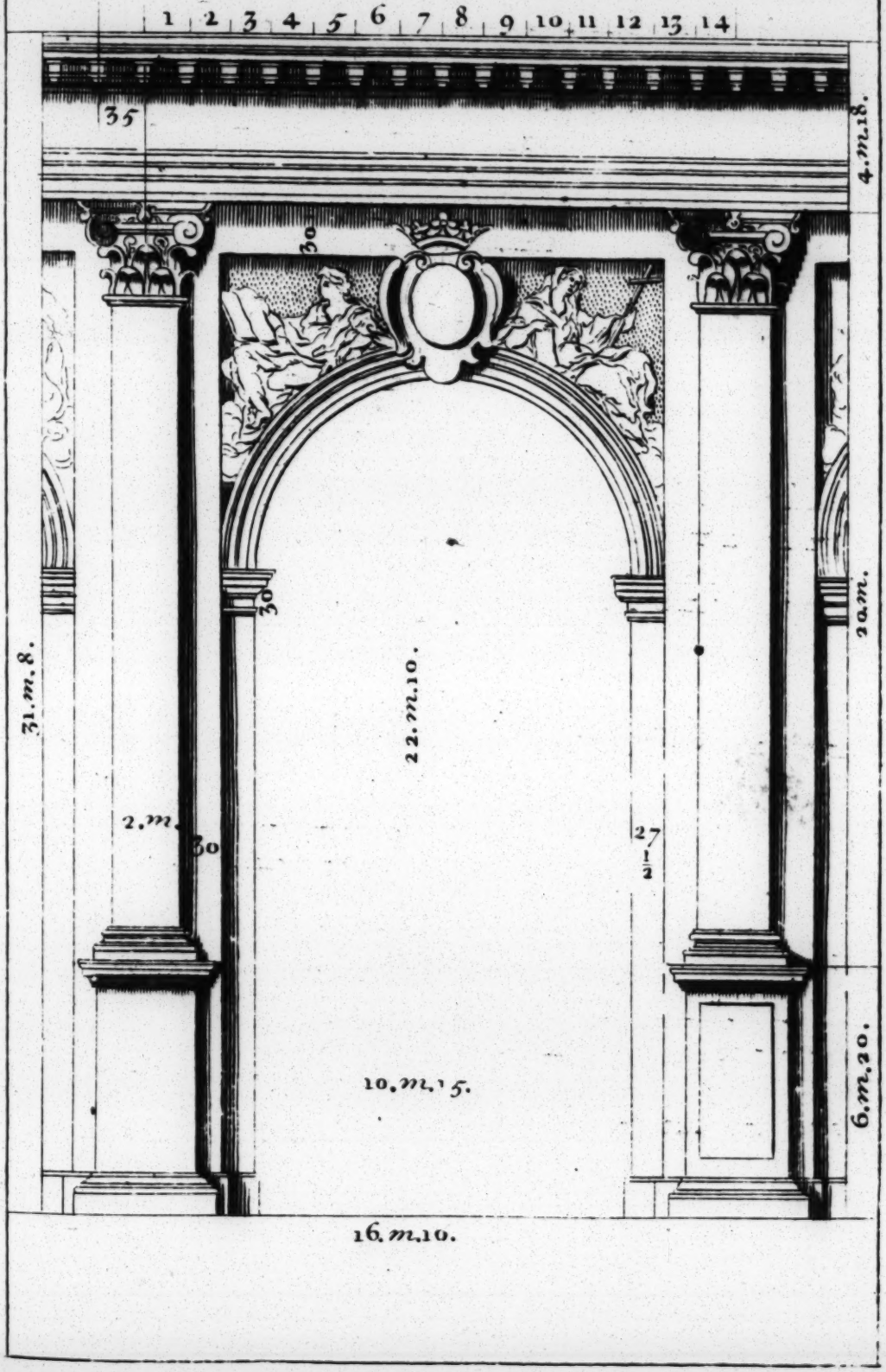

4.m.12.
20.m.
19.m.
19.m.2.
24.m.12.
28
22
25
39
8.m.14.
9.m.16.
12.m.3.
13.m.6.
3.m.9.
4.m.18.
35
20.m.
25.m.
25.m.
34
31.m.8.
30
6.m.20.
11.m.9.
12.m.10.
15.m.3.
16.m.10.
3.m.15.

ROMAN ORDER

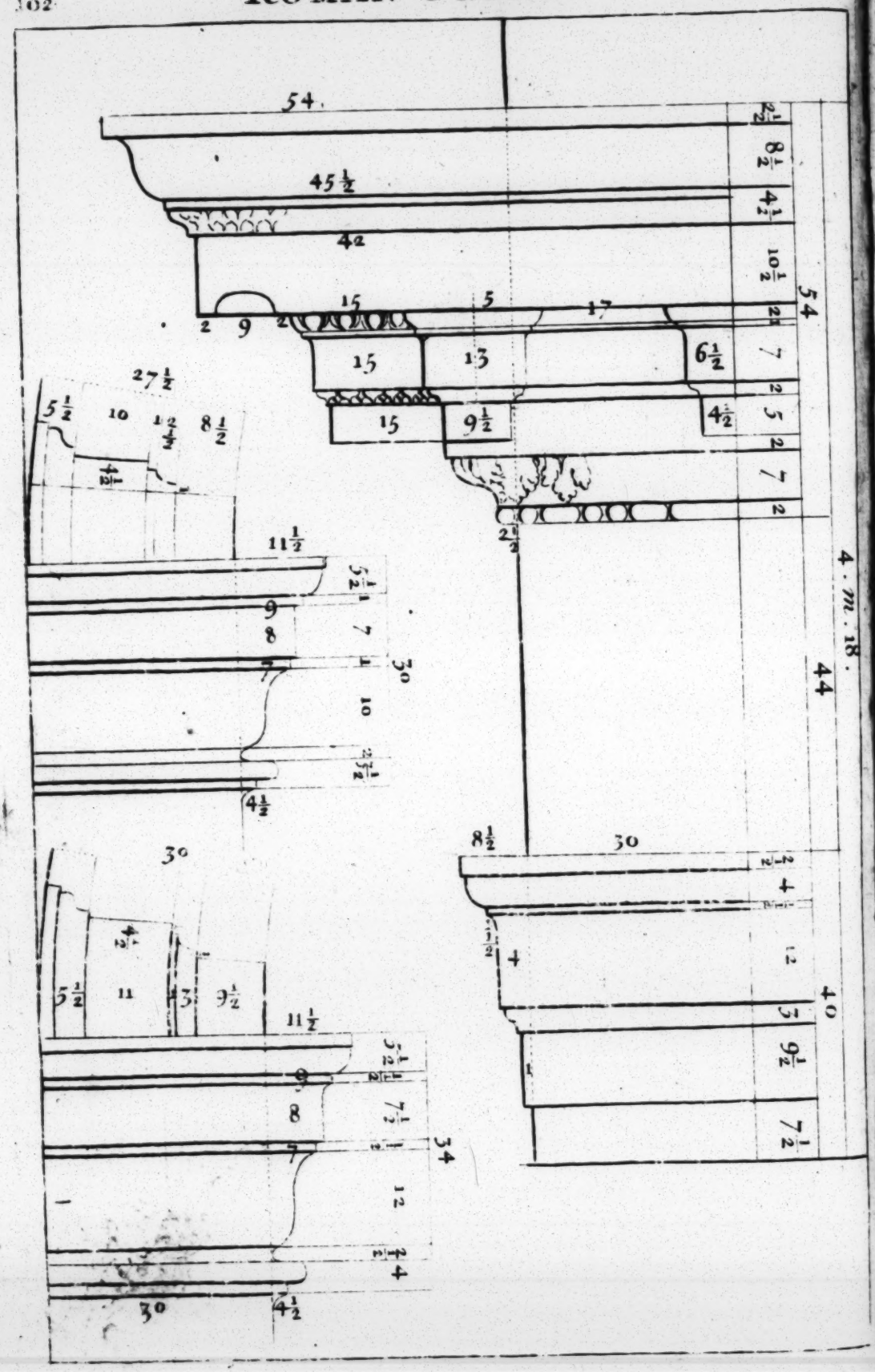


JOHN JOHNSON Bibl Bodl.

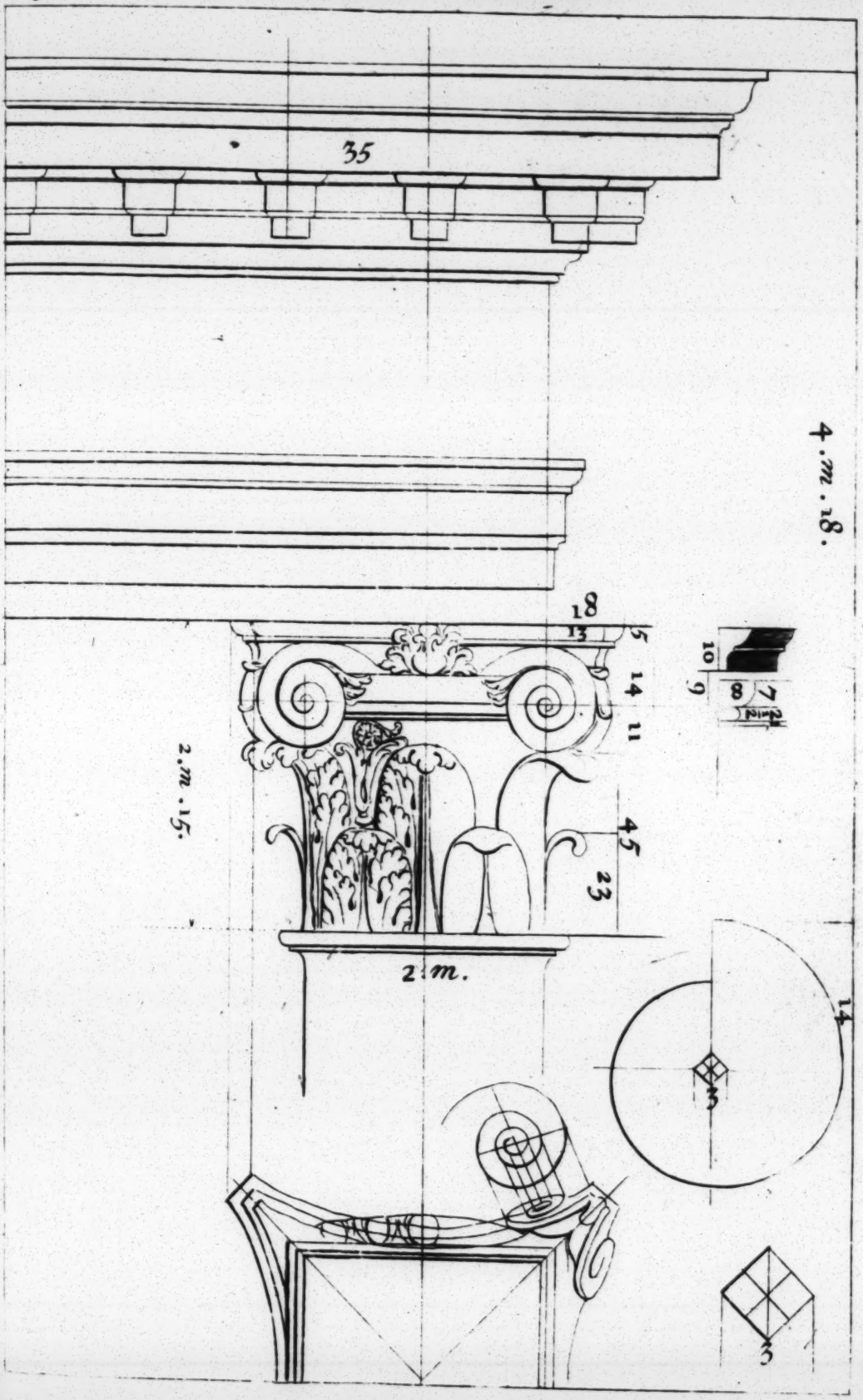
ROMAN ORDER

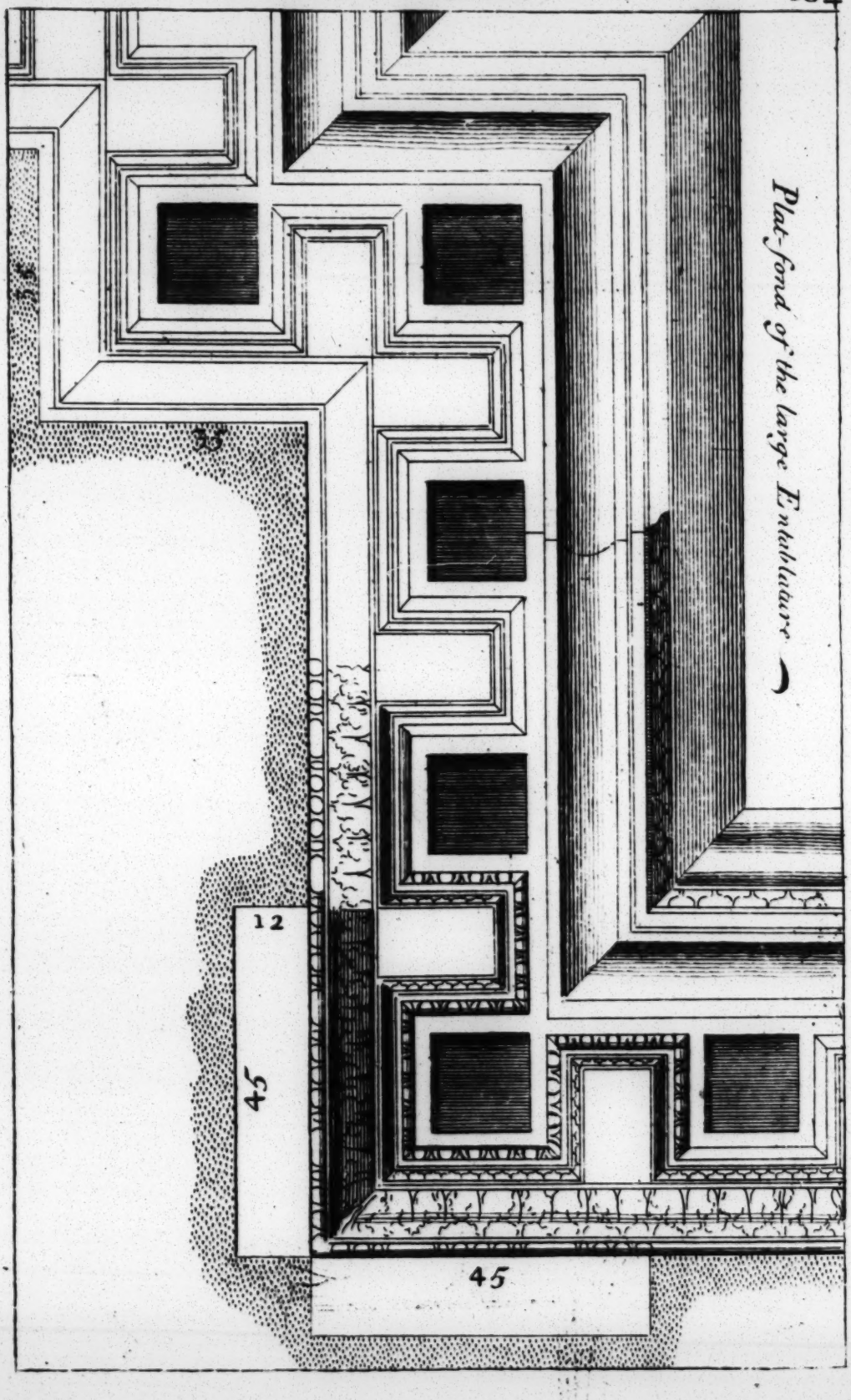

1 2 3 4 5 6 7 8 9 10 11 12 13 14
35
4.m.18.
30
30
31.m.8.
22.m.10.
20.m.
2.m.
30
27 1/2
10.m.15.
6.m.20.
16.m.10.

ROMAN ORDER.


54
45½
42
15
5
17
2
9
2
15
13
6½
27½
5½
10
1½
8½
15
9½
4½
11½
9
8
7
30
10
4½
30
11
3
9½
11½
9
8
7
34
12
4
30
4½
8½
30
4
12
4
40
3
9½
7½
54
44
4 . m . 18 .

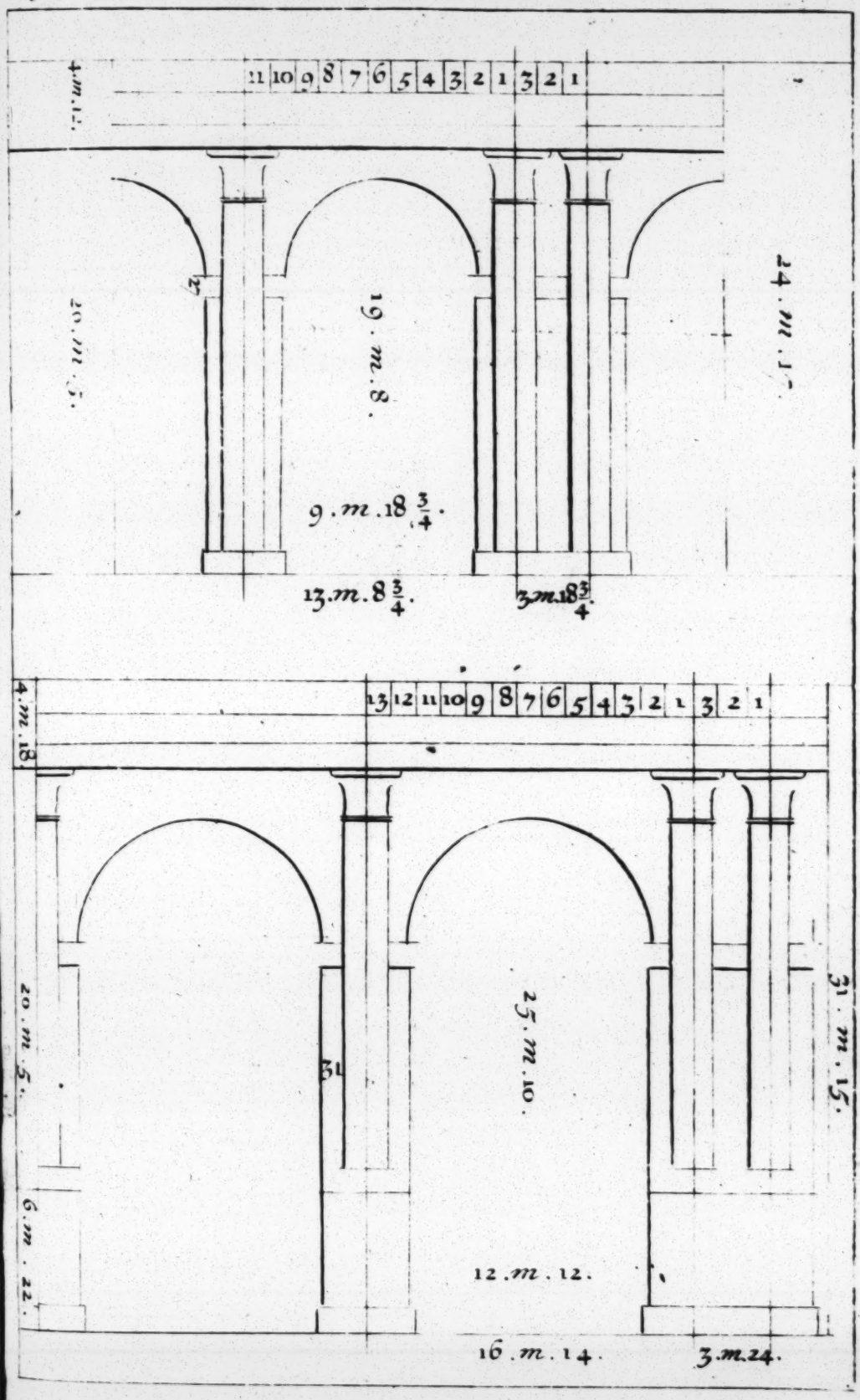
ROMAN ORDER.





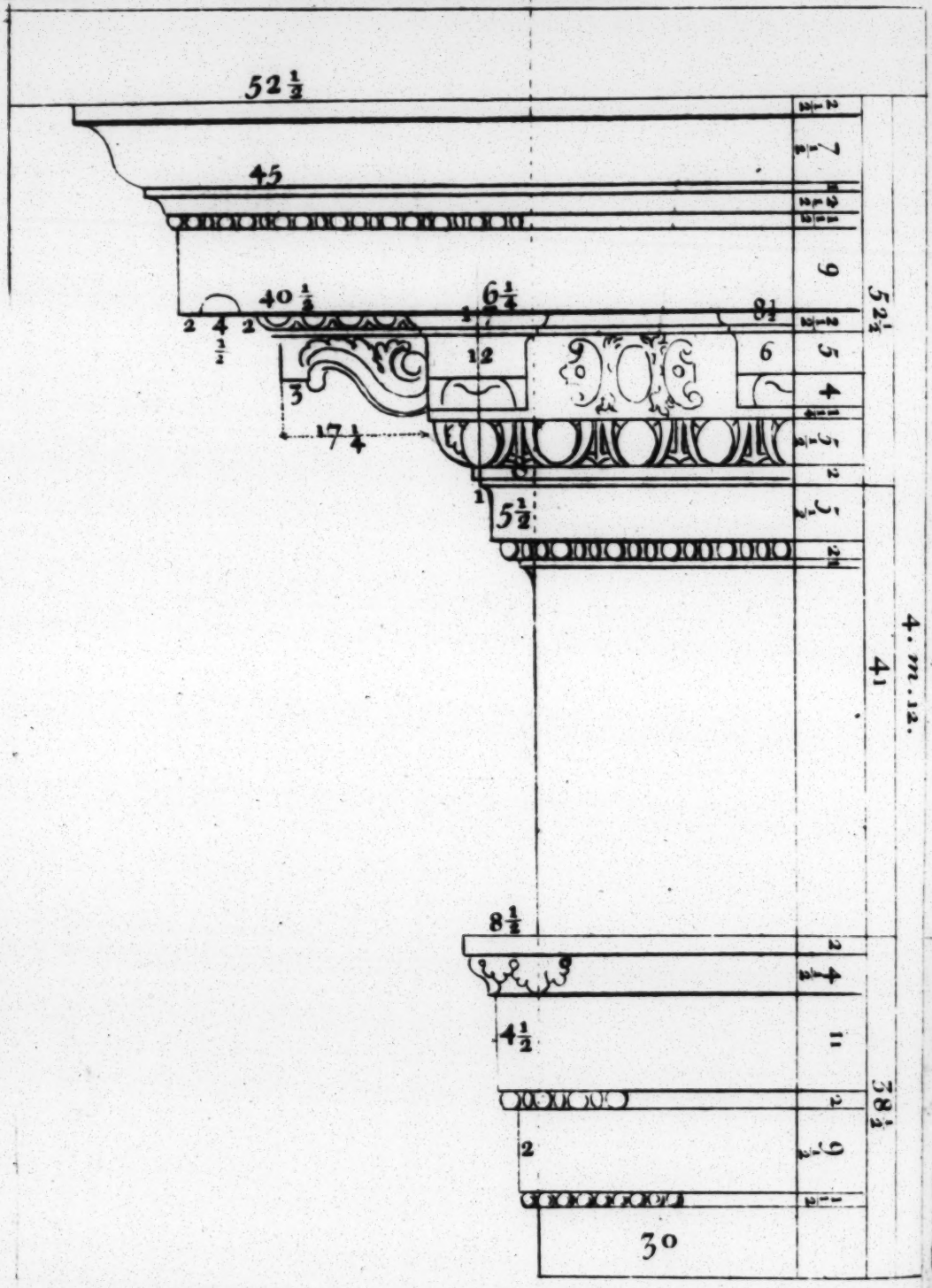
Plat-fond of the large Entablature

SPANISH. ORDER.

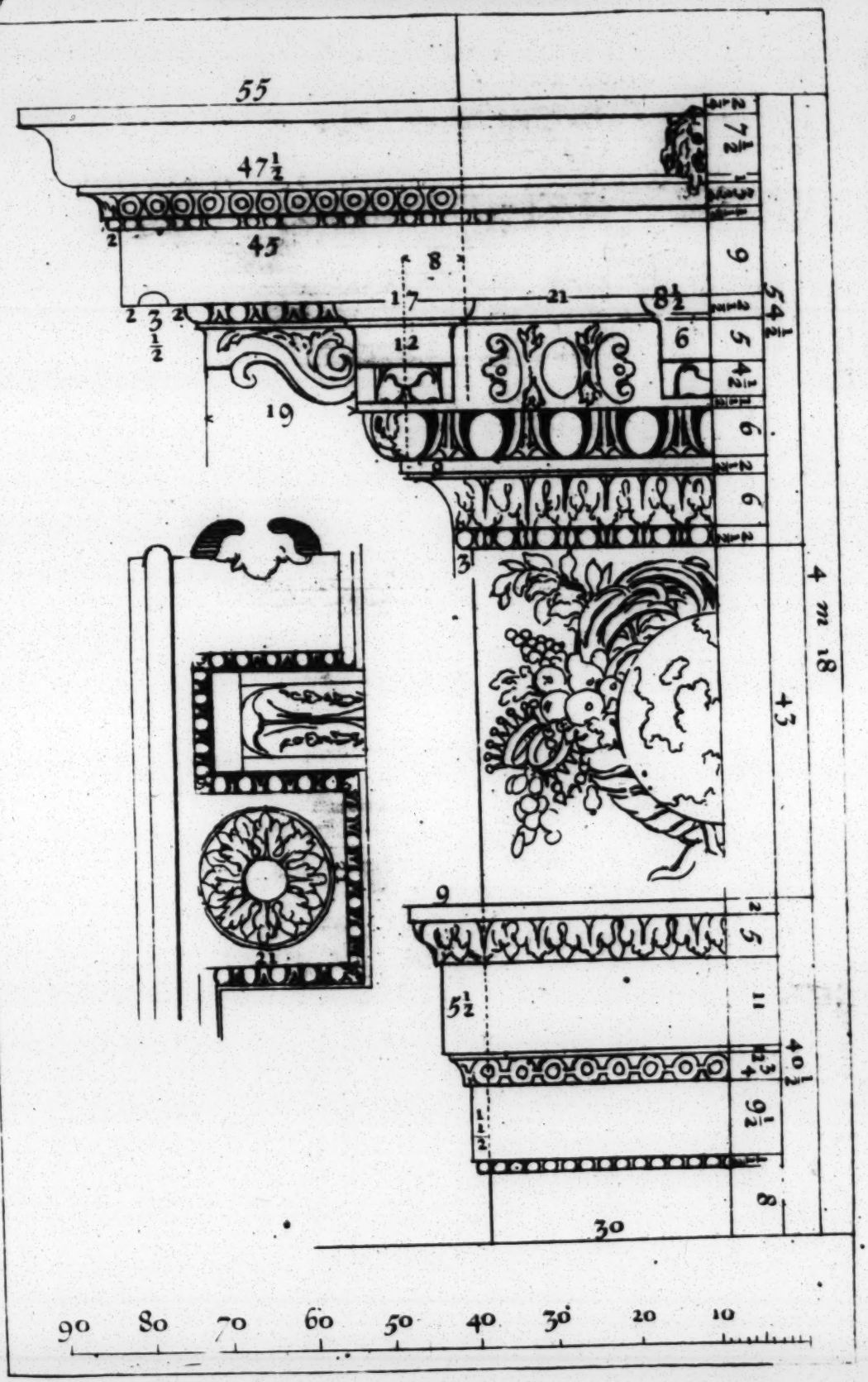


P 106.

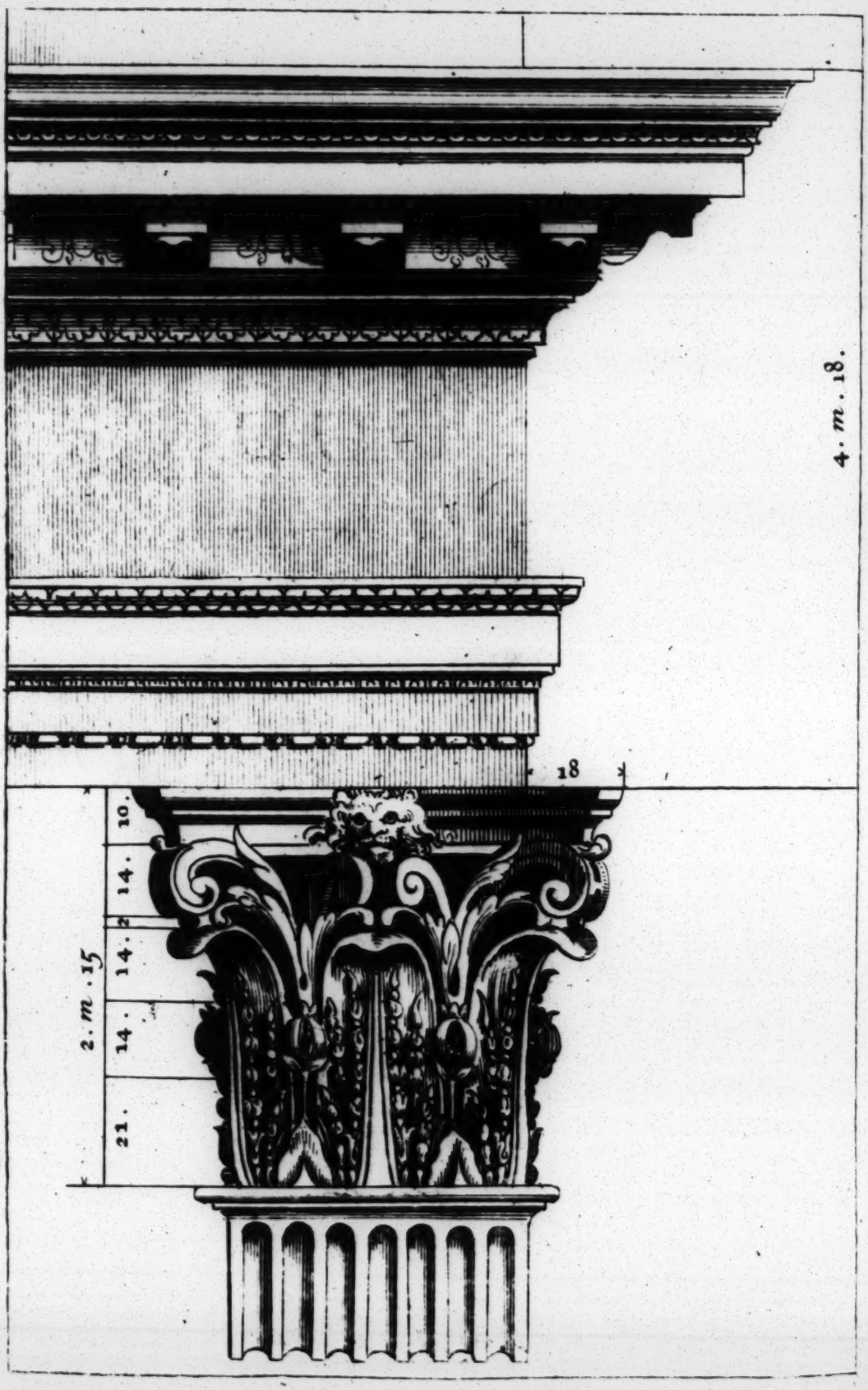
SPANISH ORDER.



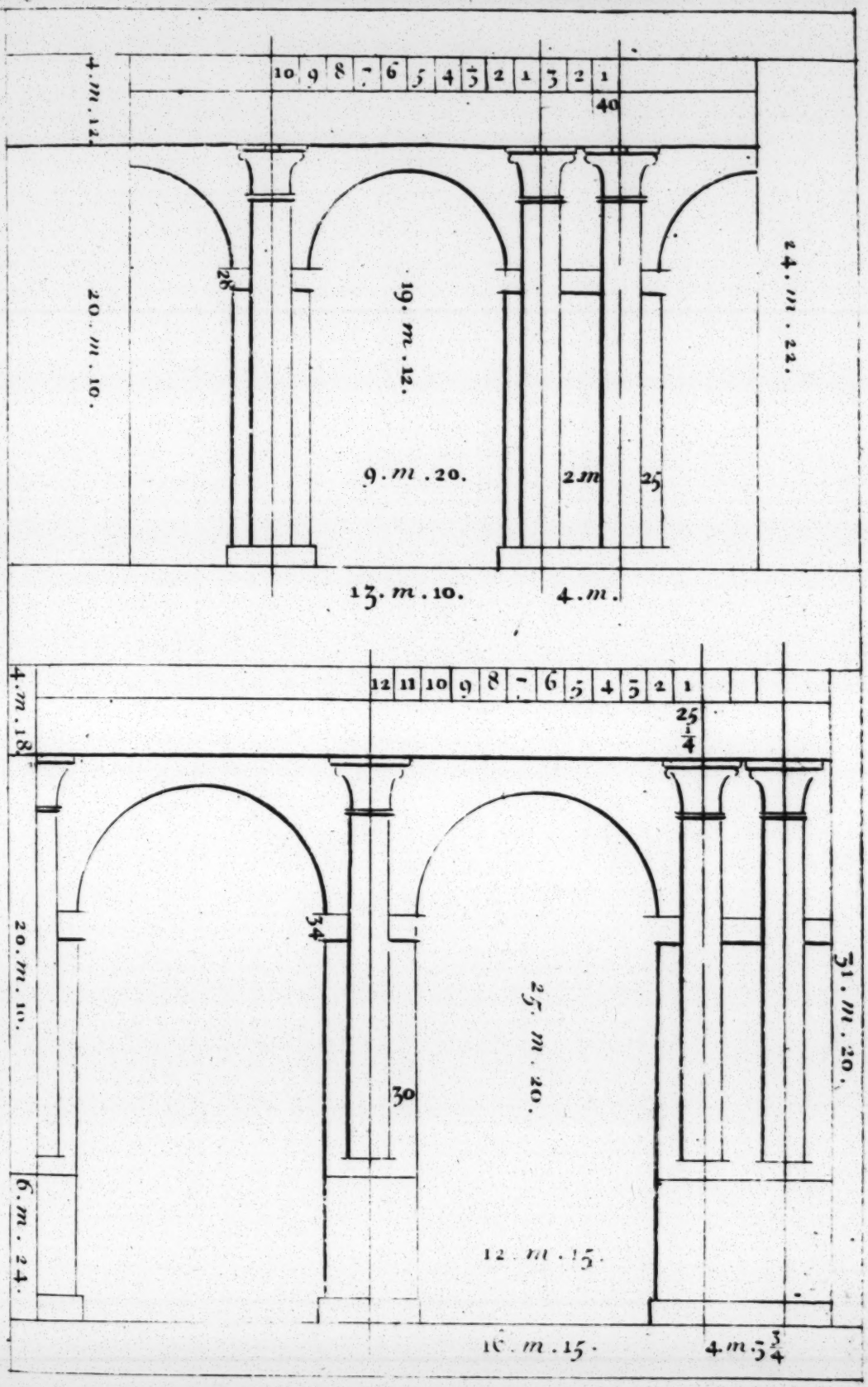
SPANISH ORDER.



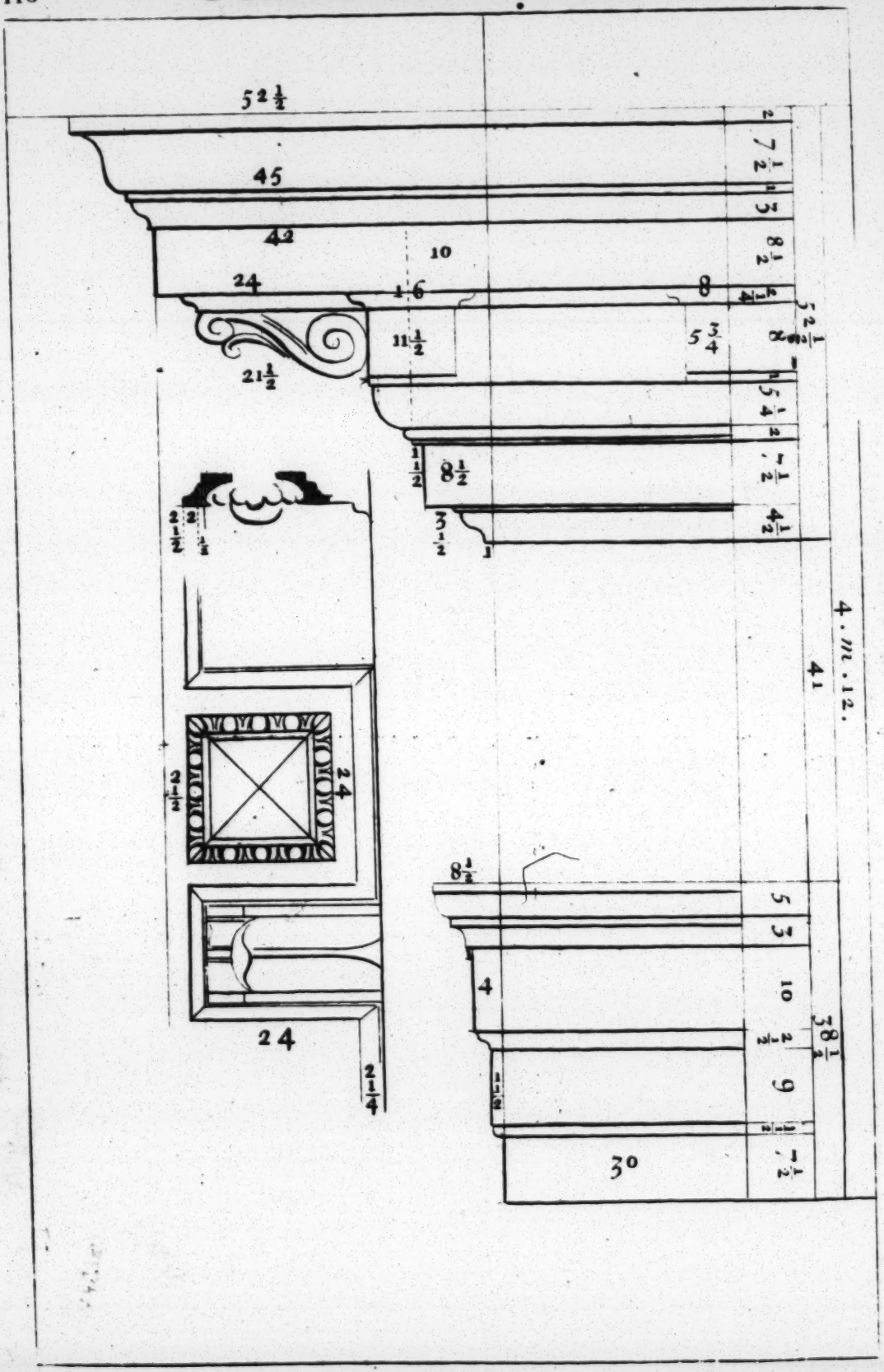
SPANISH ORDER.



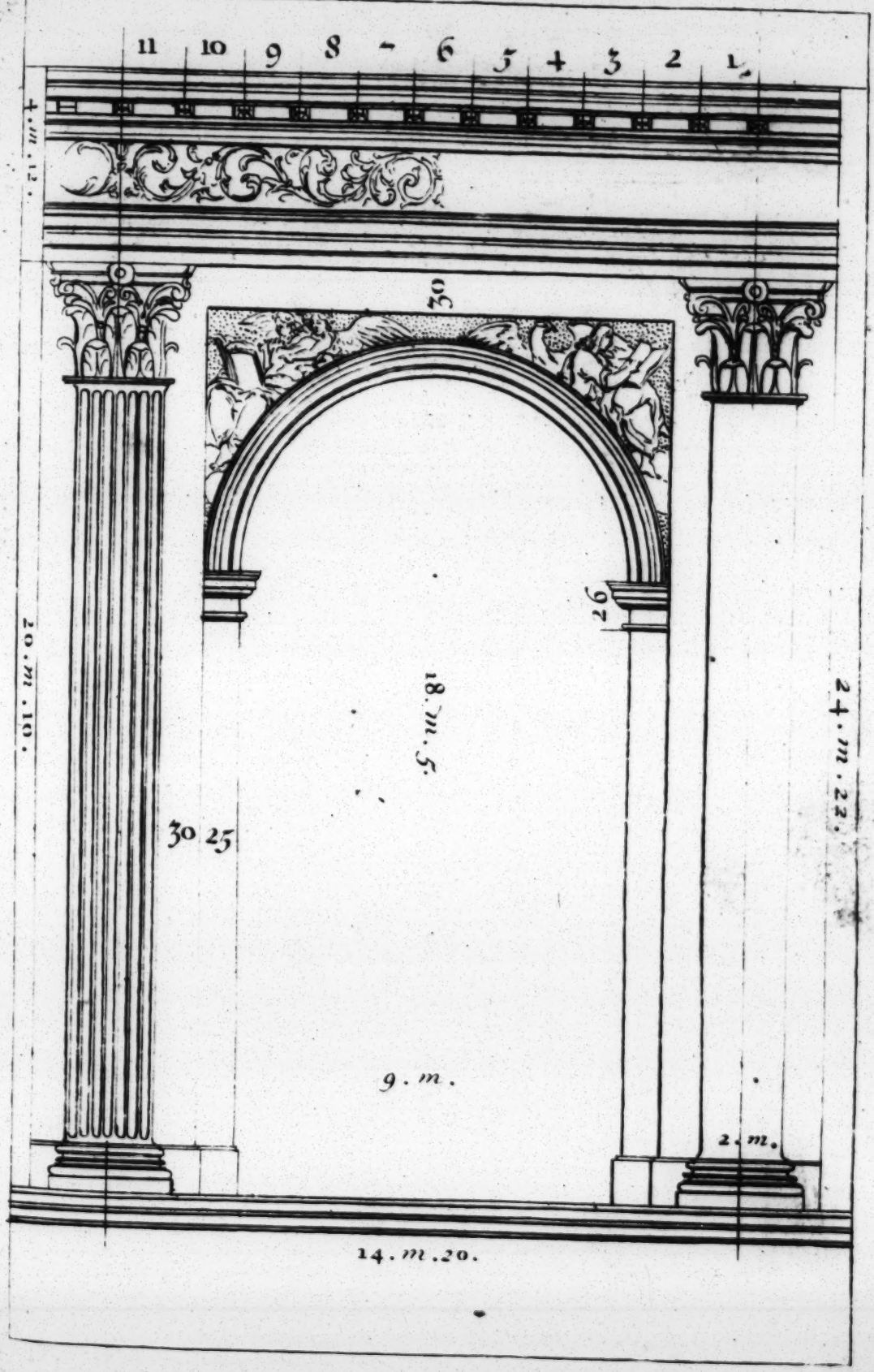
CORINTHIAN ORDER.

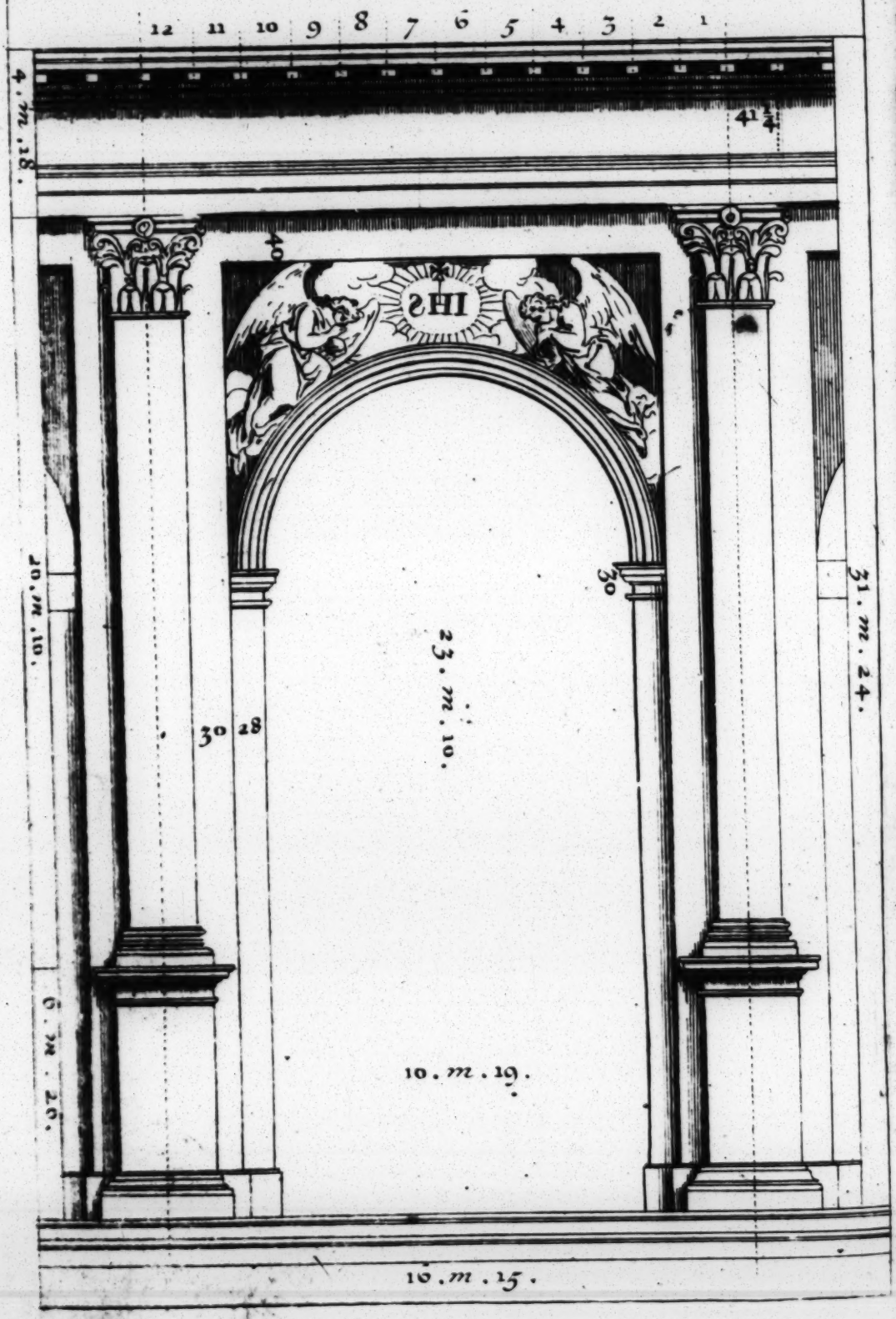


CORINTHIAN ORDER.

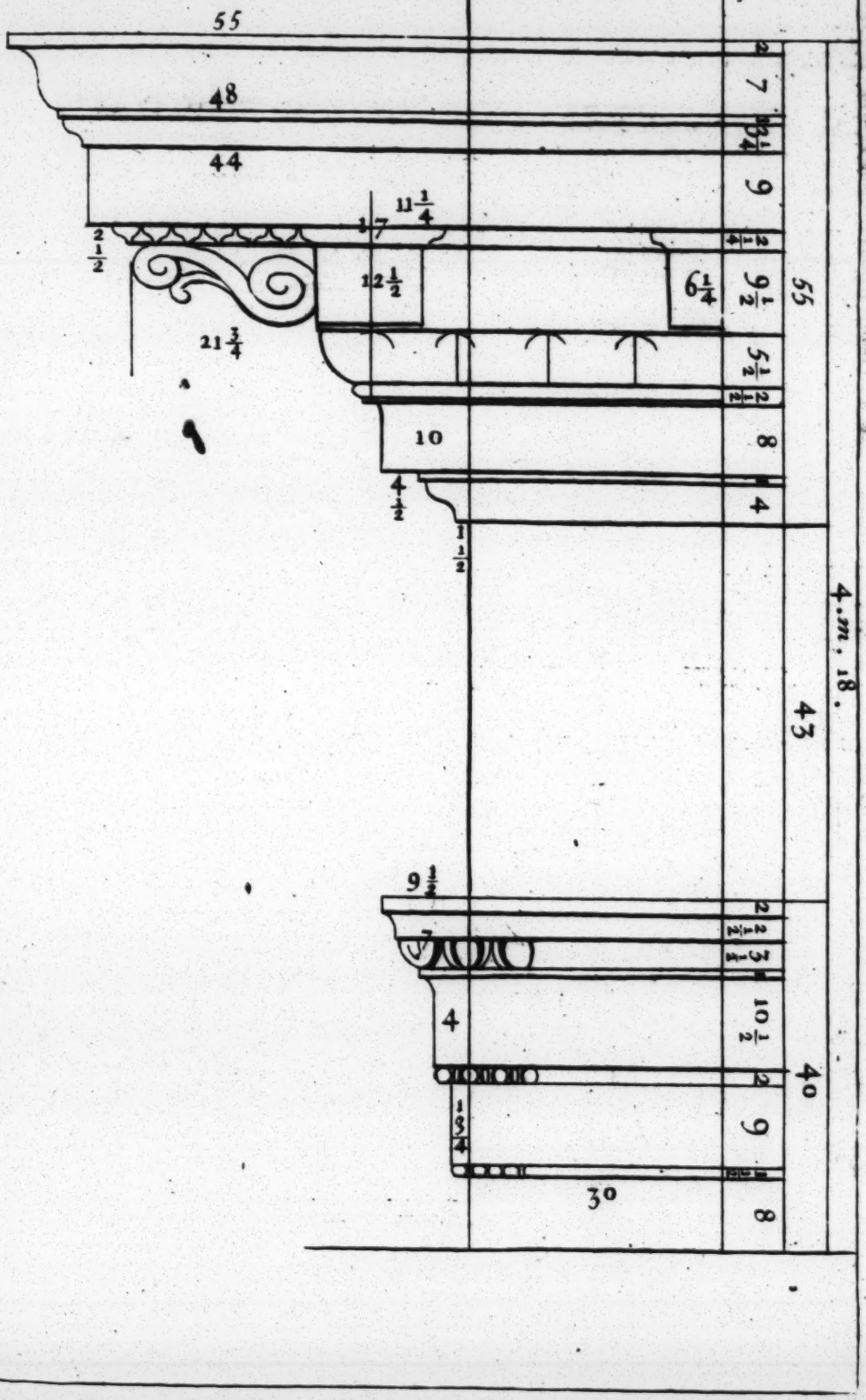


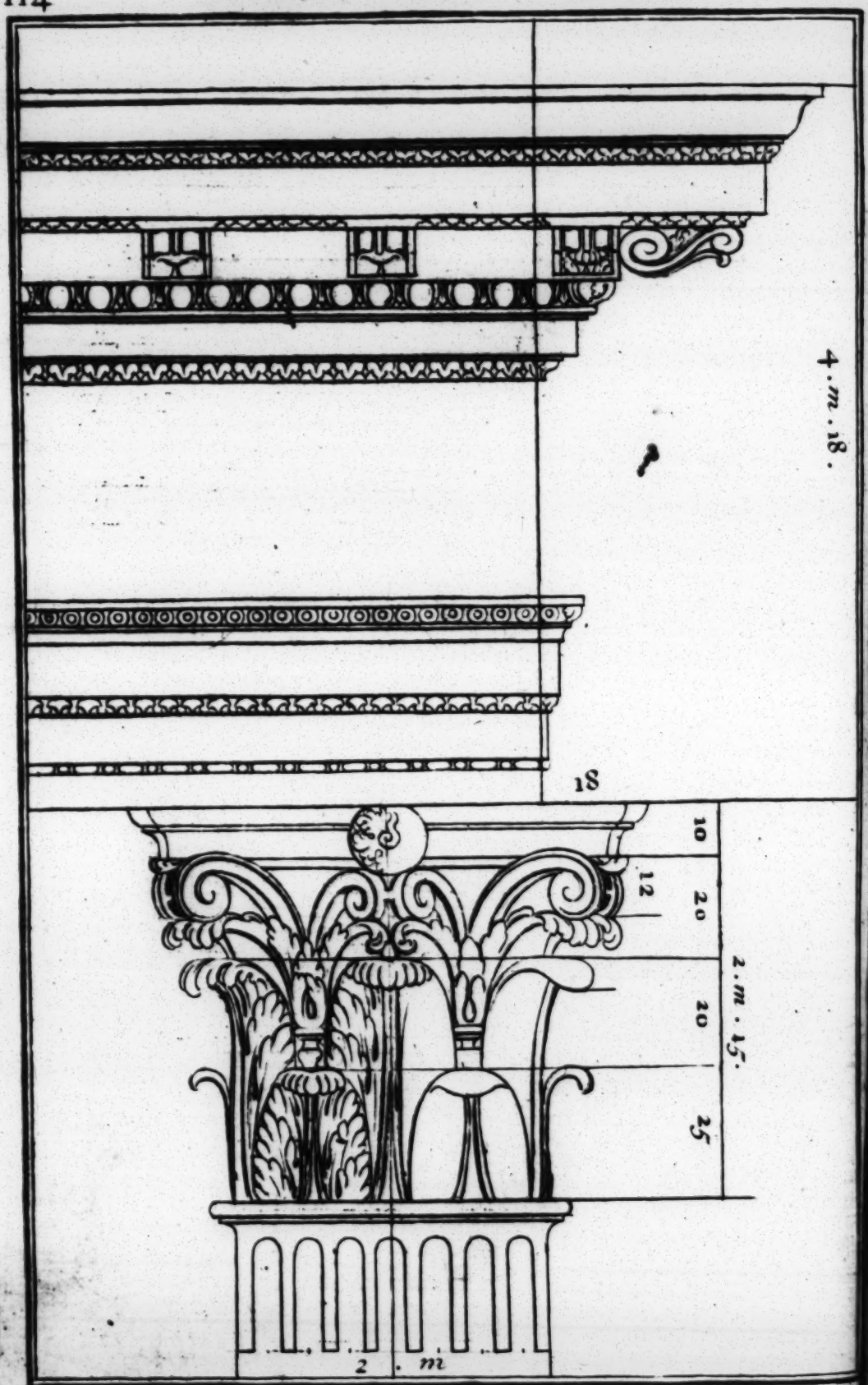
CORINTHIAN. ORDER.



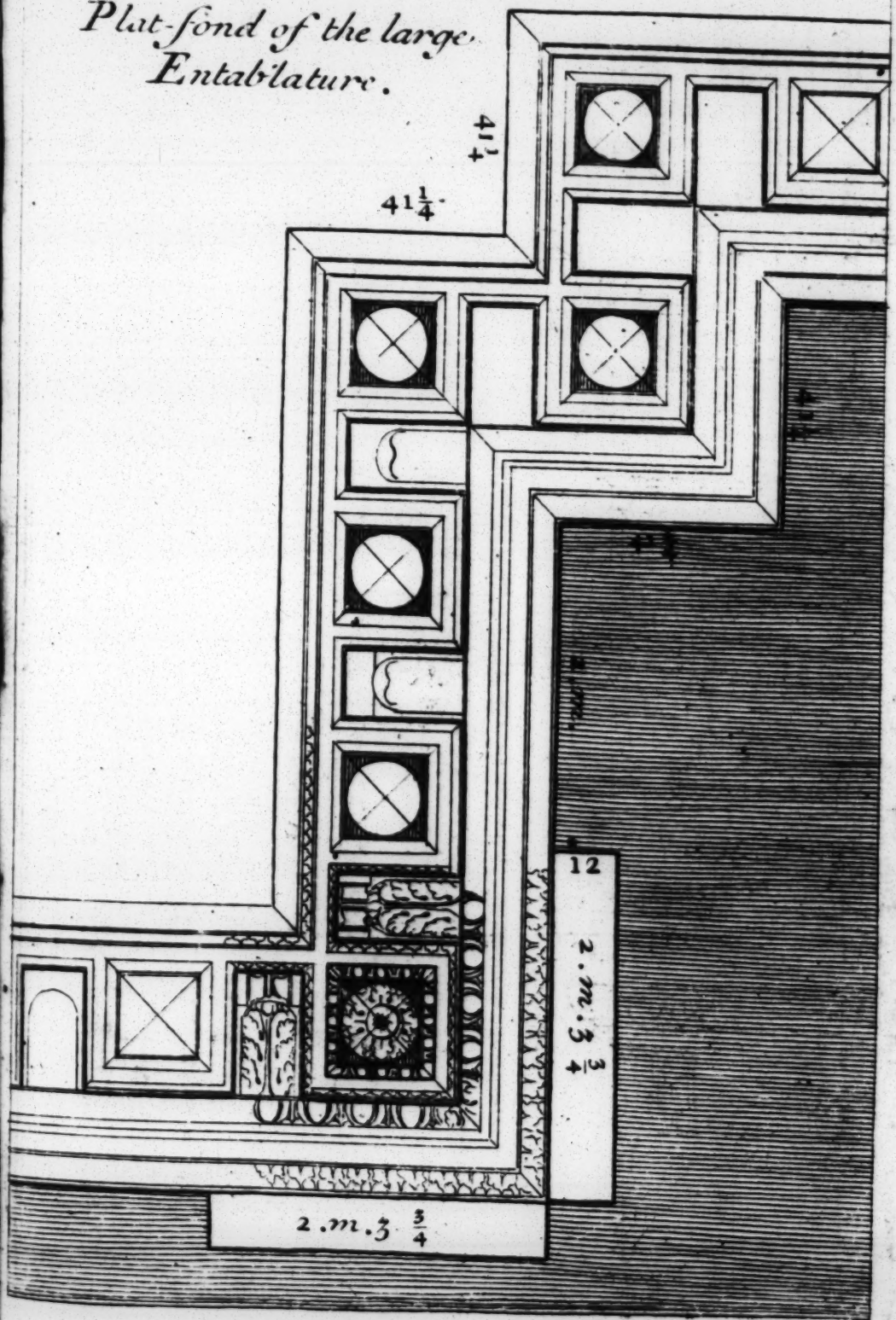

12 11 10 9 8 7 6 5 4 3 2 1
4. m. 18.
41¼
40
IHS
30
23. m. 10.
30 28
10. m. 10.
31. m. 24.
10. m. 19.
10. m. 15.

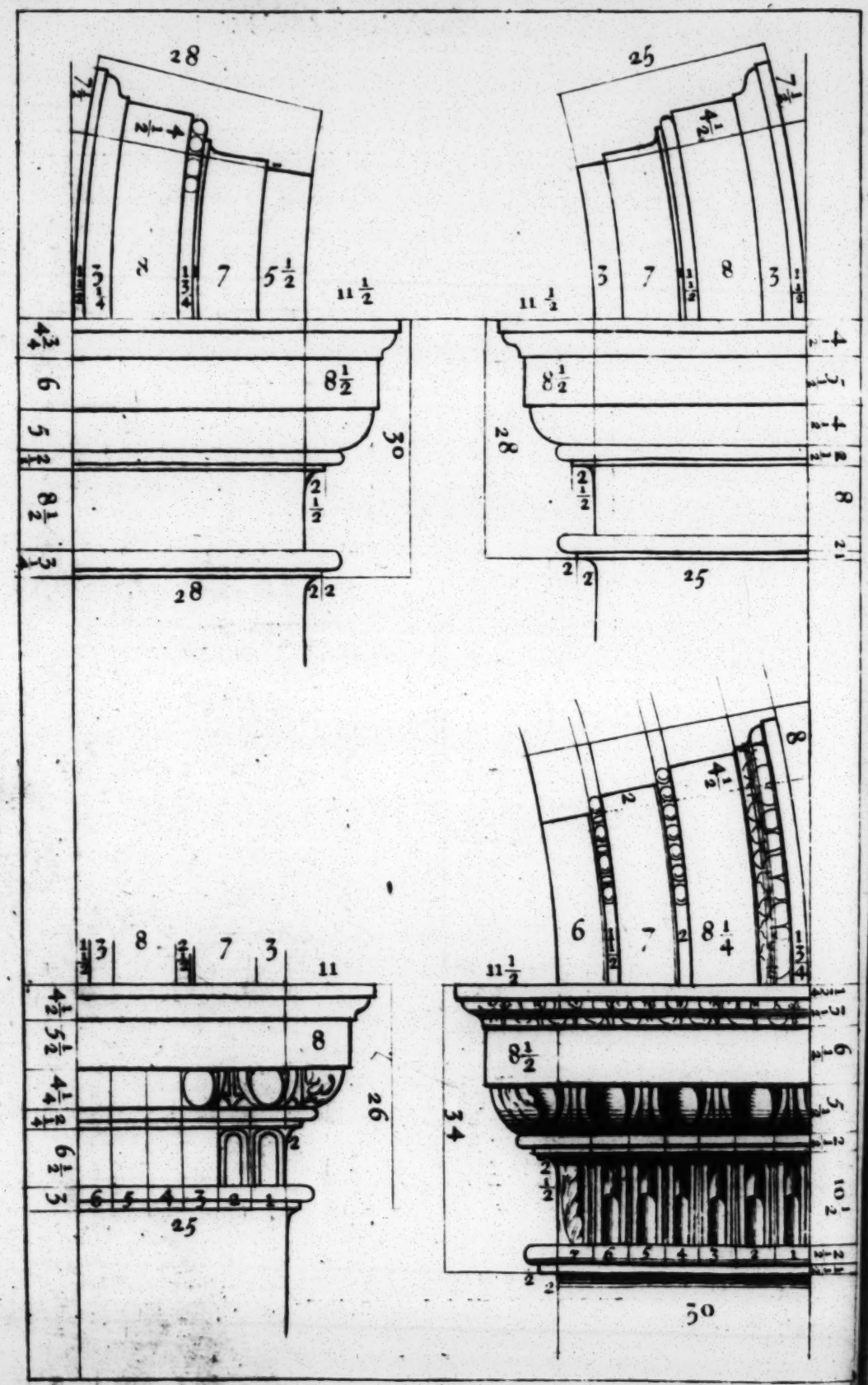
CORINTHIAN ORDER.



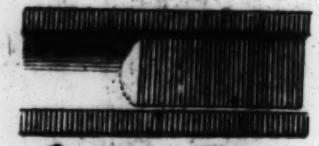

4 . m . 18 .
18
10
12
20
20
25
2 . m . 15 .
2 . m

Plat-fond of the large Entablature.

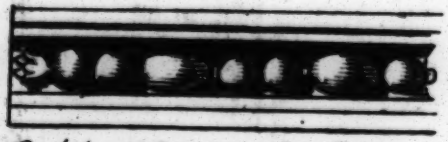



28
25
30
28
25
26
25
34
30

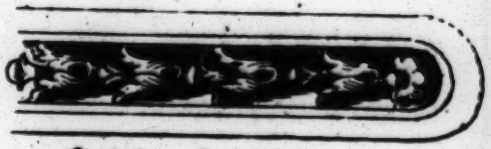
Flutings Cabled or fill'd up several Ways.



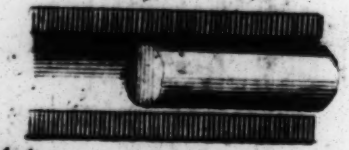
Cablins Flat.



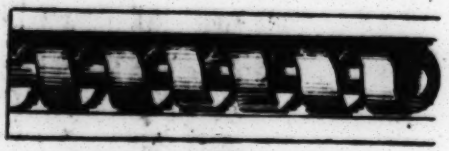
Cabl. of Pearls & Olives.



Cabl. of Culots.

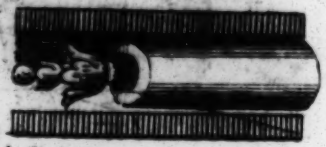


Cabl. in manner of a Staff.



Cabl. of Twisted Ribbons.

Cabl. of Twisted Leaves.



Cabl. in manner of a Reed.

Cabl. of Rinds or Stalks.

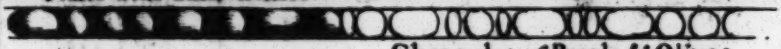
Talon *cut with* Trefoil.

Cavetto with round Knots.

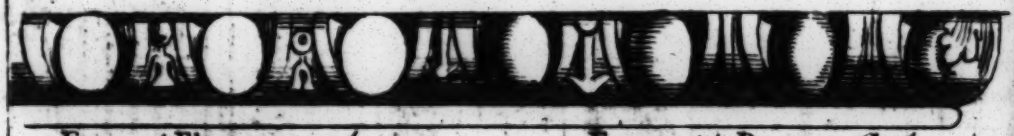
Groteſque.

Leaf of the Angle.

Pearls *and* Pater-noſters.



Chappelet *of* Pearls & Olives.



Eggs *and* Flower-*work*.

Eggs *with Darts or Anchors.*

Leaves indented.

Flutings with Darts & Ruſhes.

Knots.

Mirrours.

Plaſtrons.

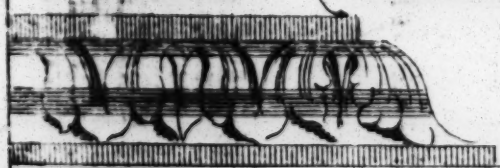
Waving Poſts *and* Counter-Poſts *with Leaves.*

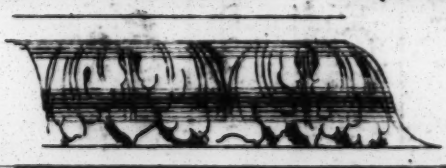
Waving Poſts *with Leaves.*

Flutings.

Twiſted Ribbons.

Baguettes *with Cords and* Ribbons.

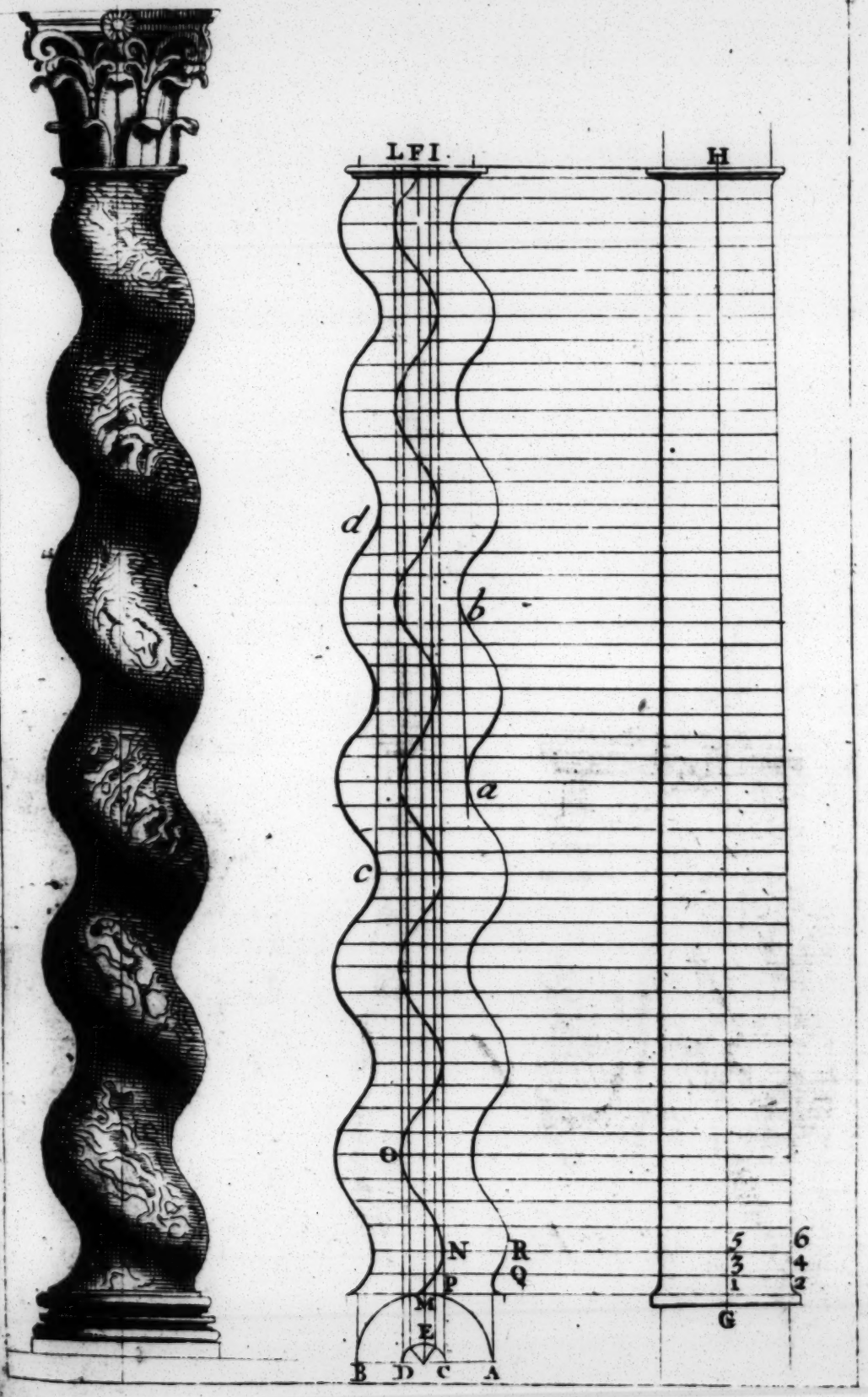


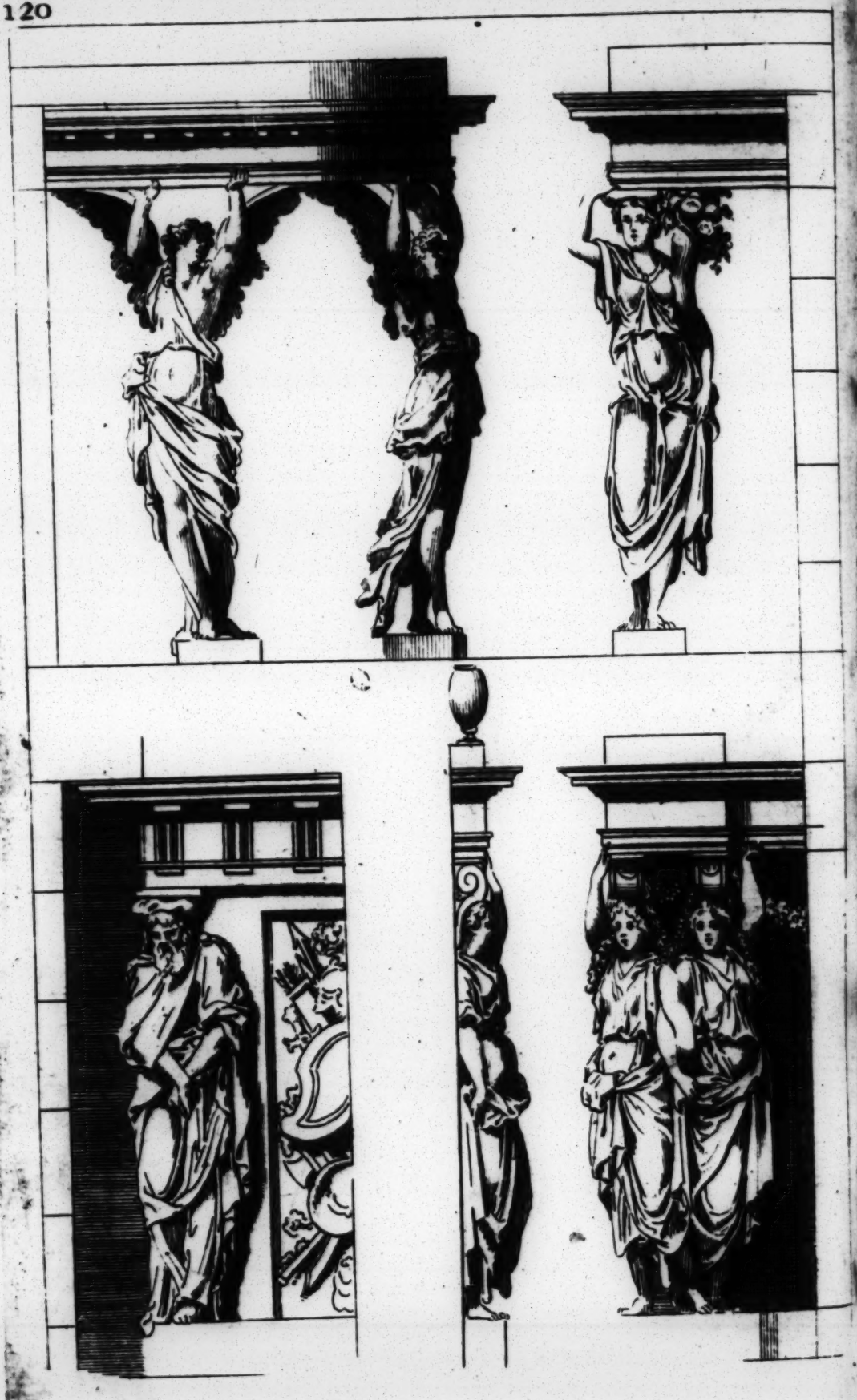


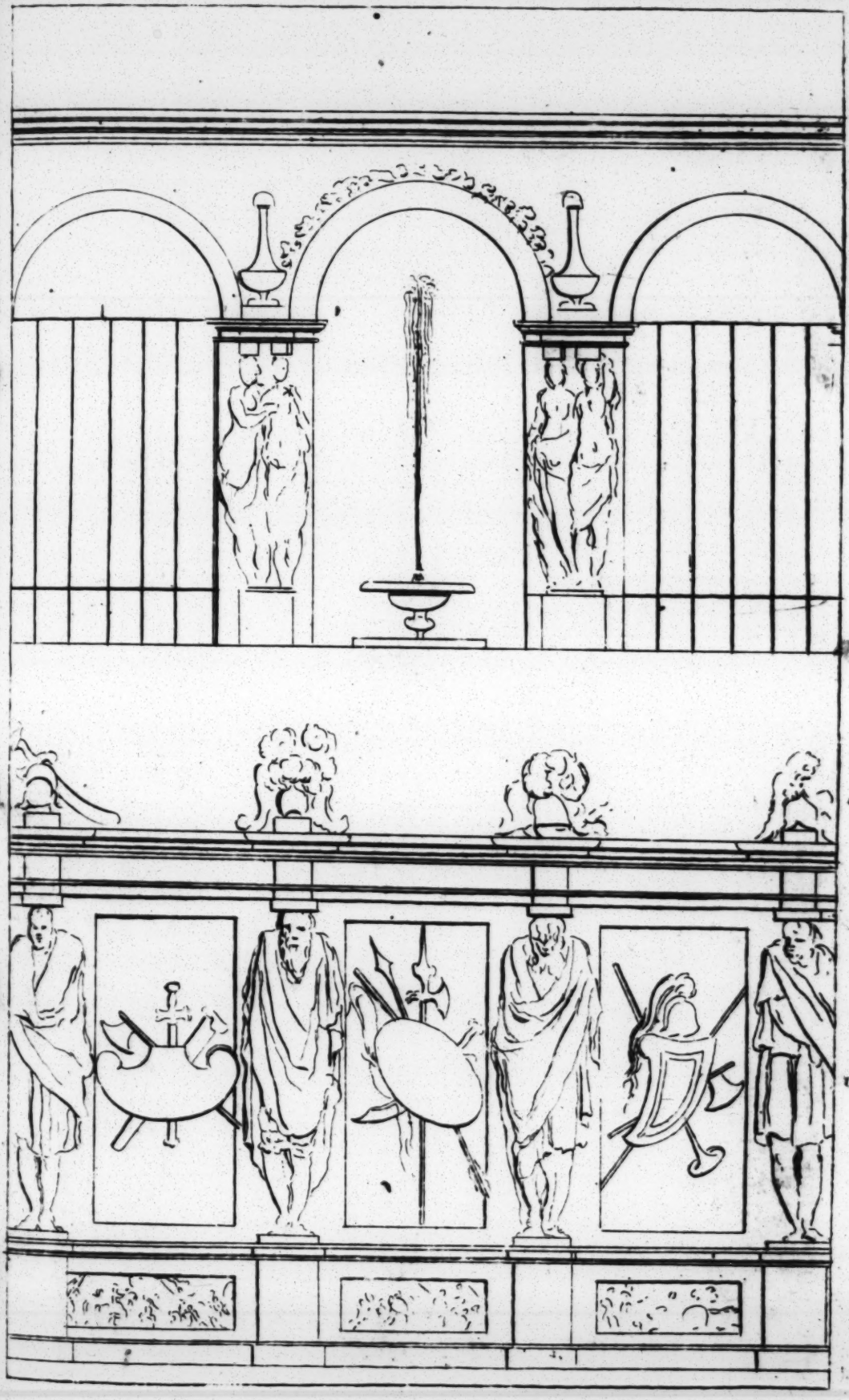
Rais de Cœur indented.

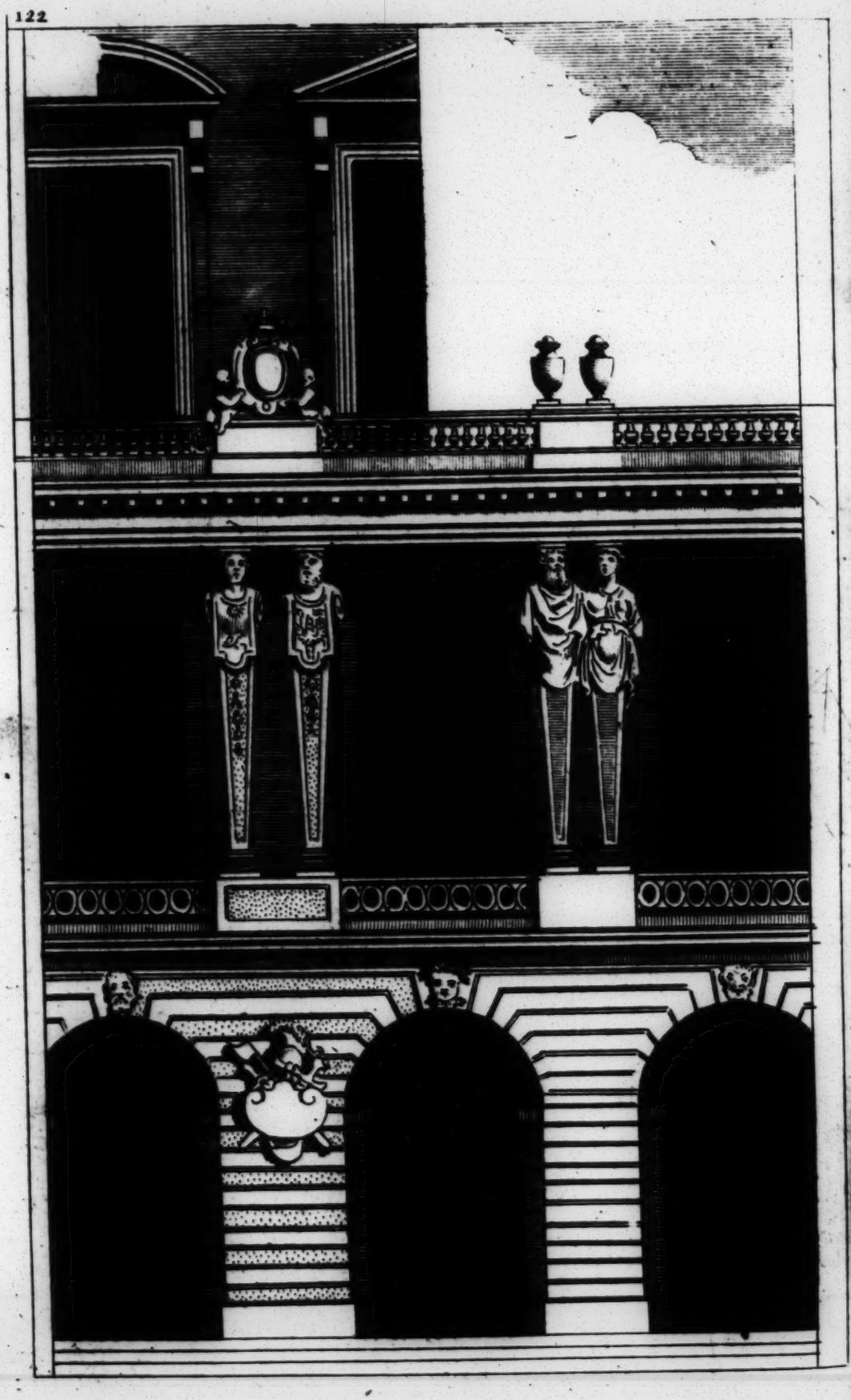
Leaves indented *with others* Waved.

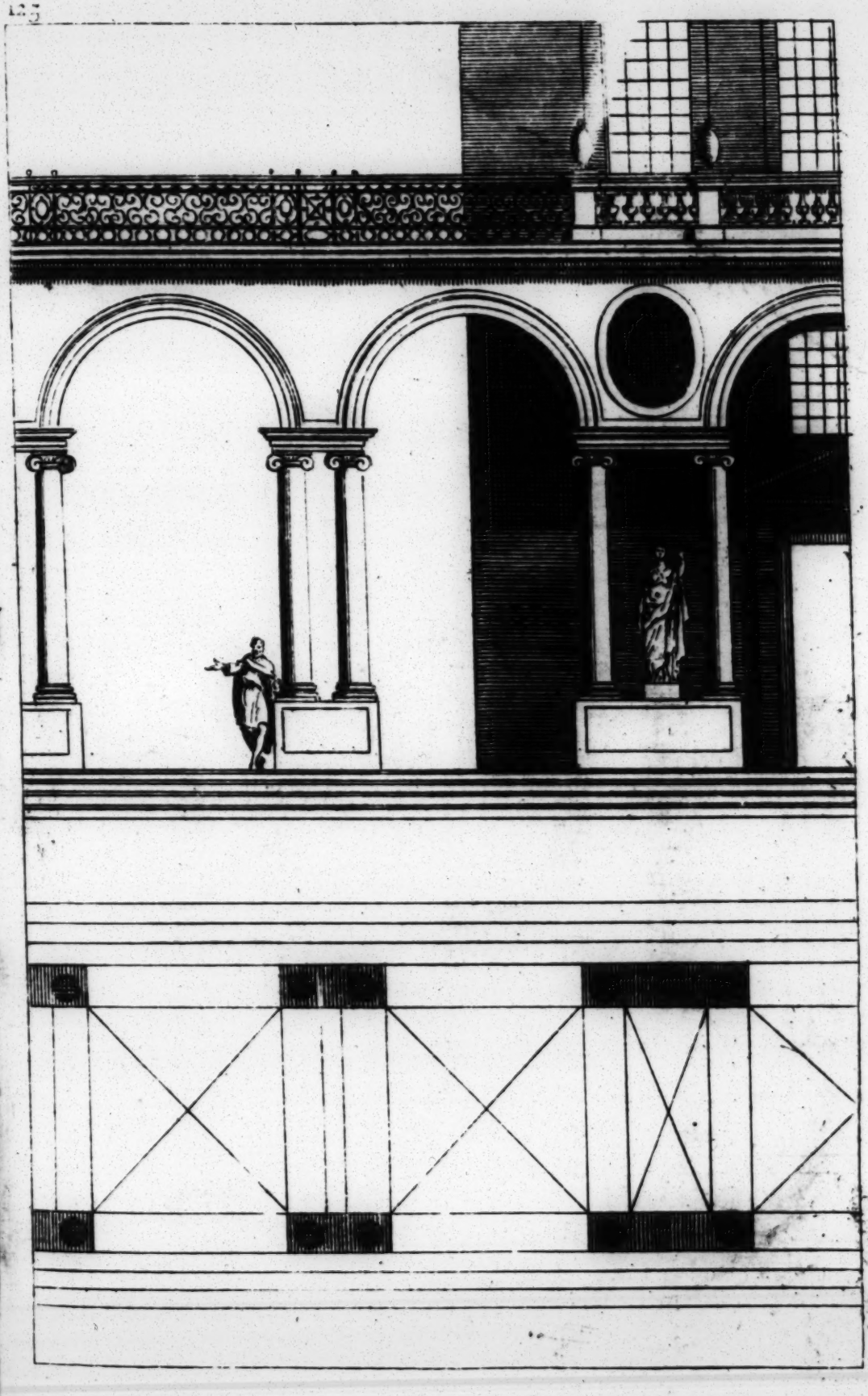
WAVED or TWISTED COLUMN.

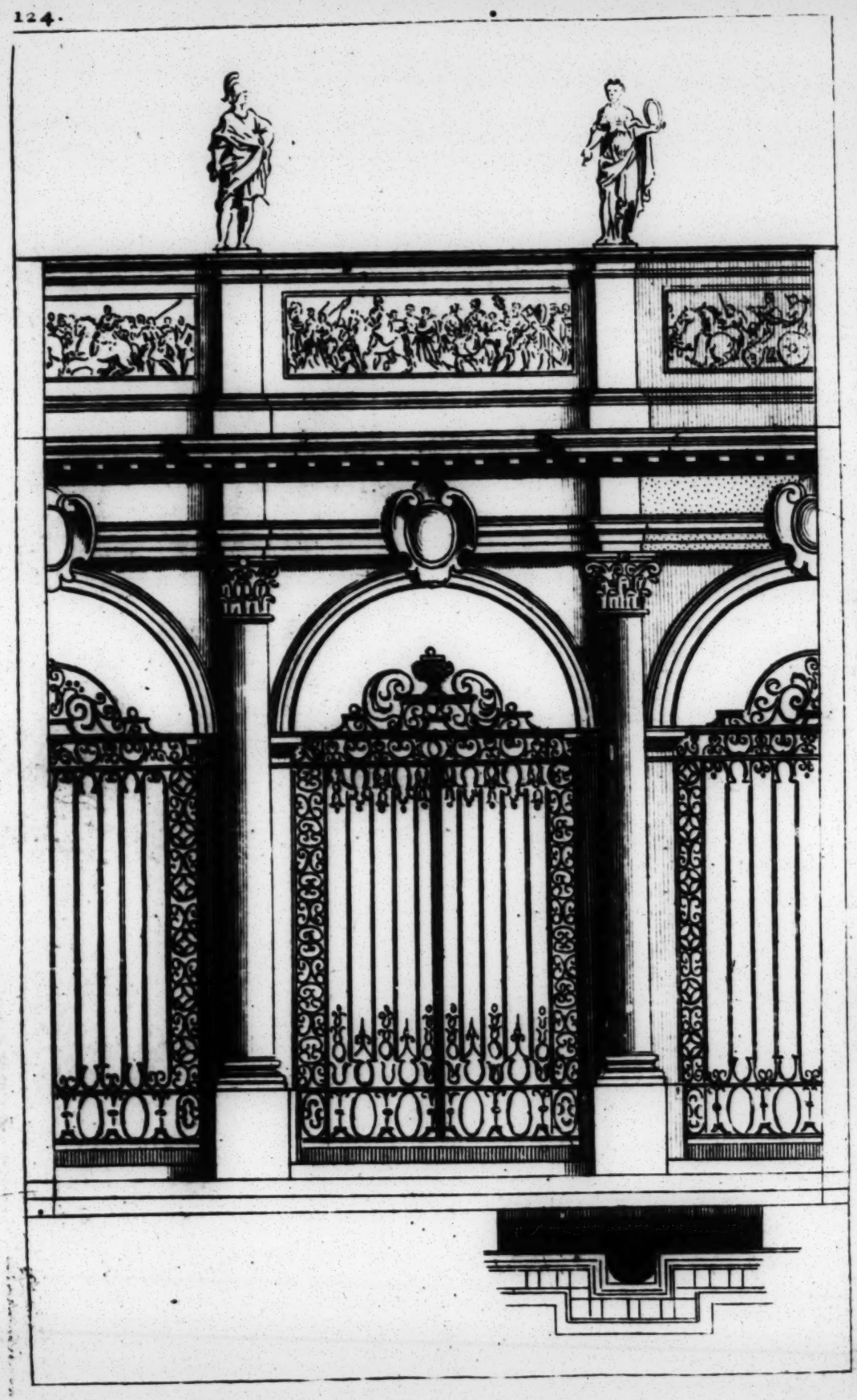




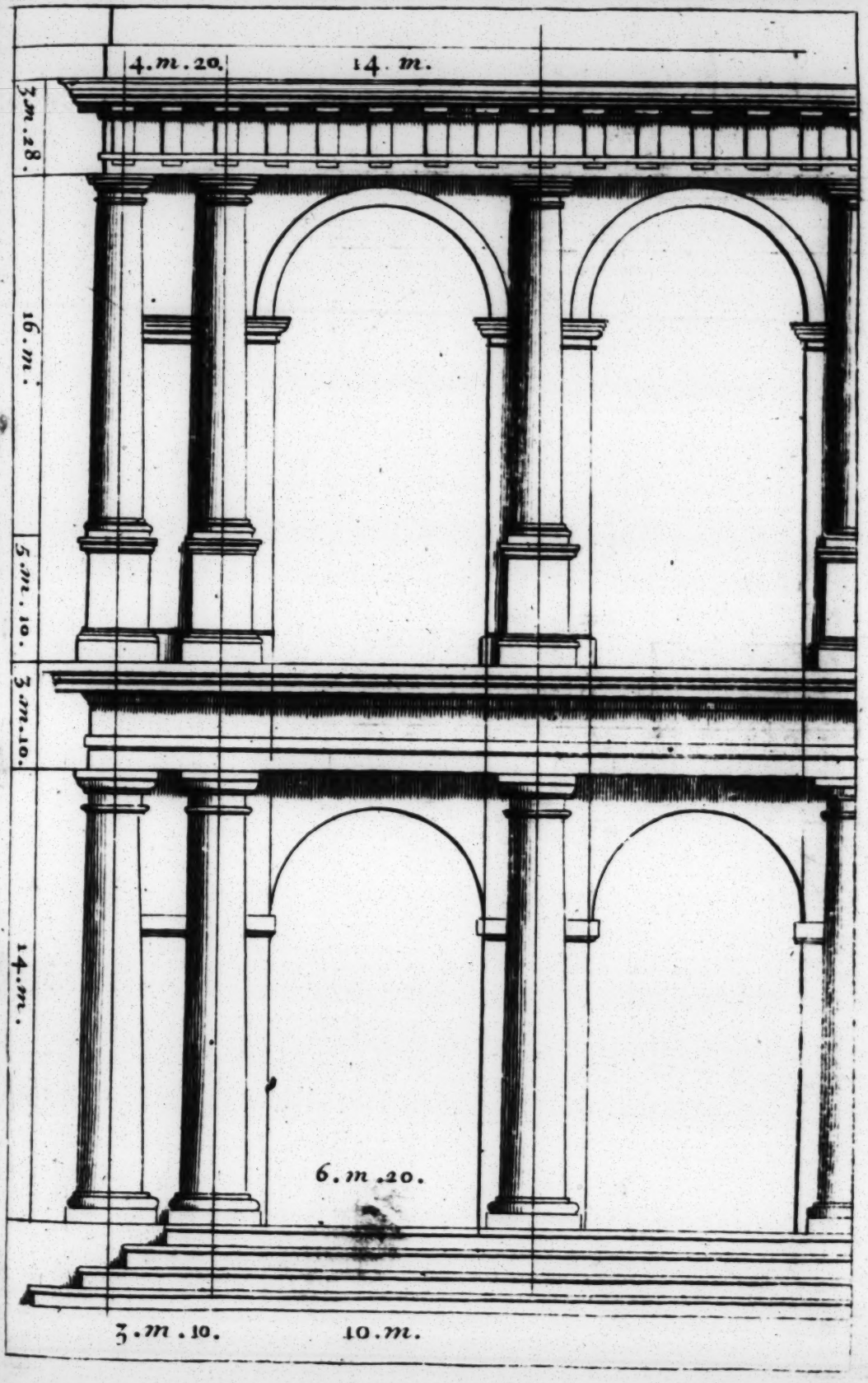




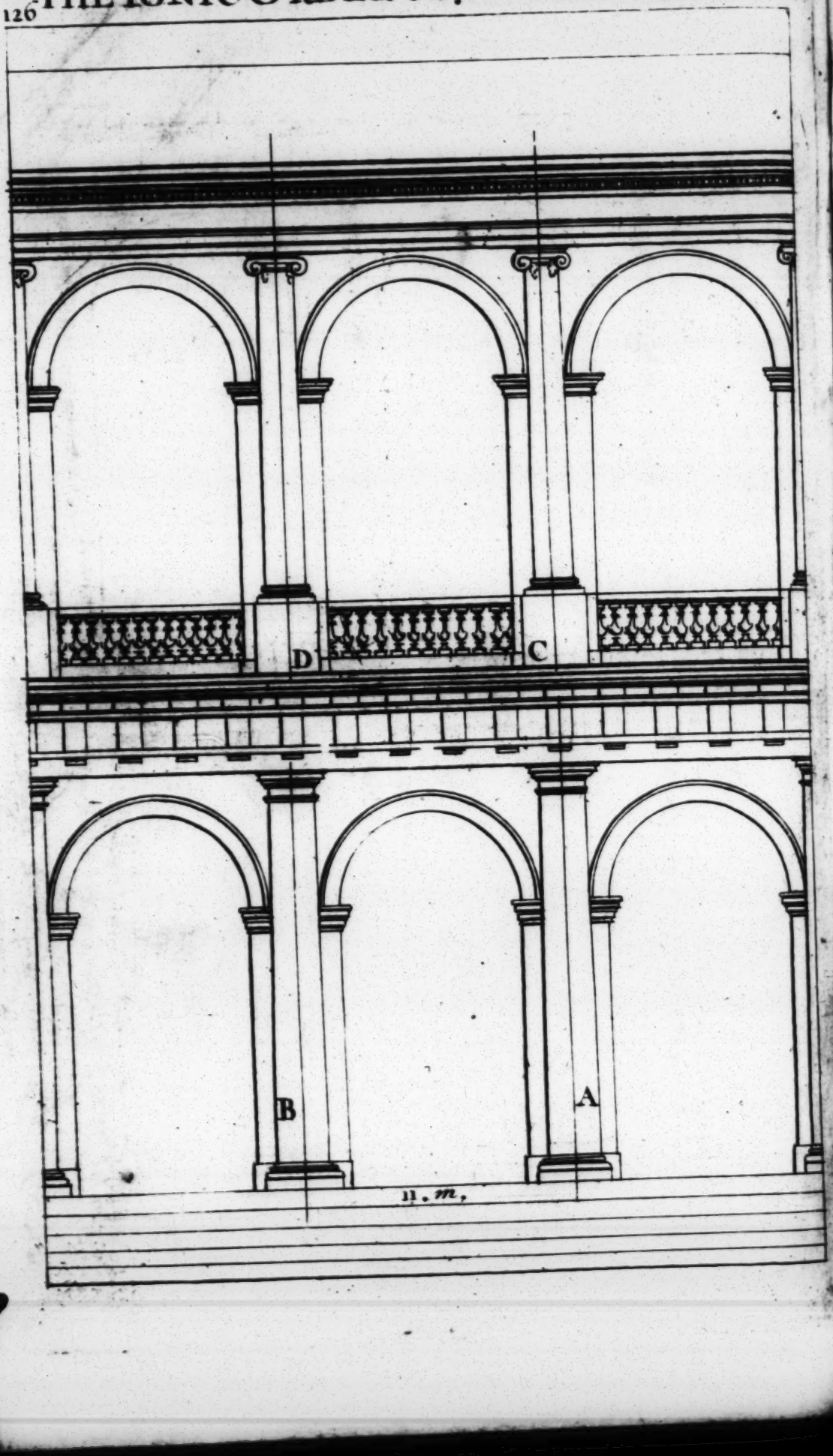




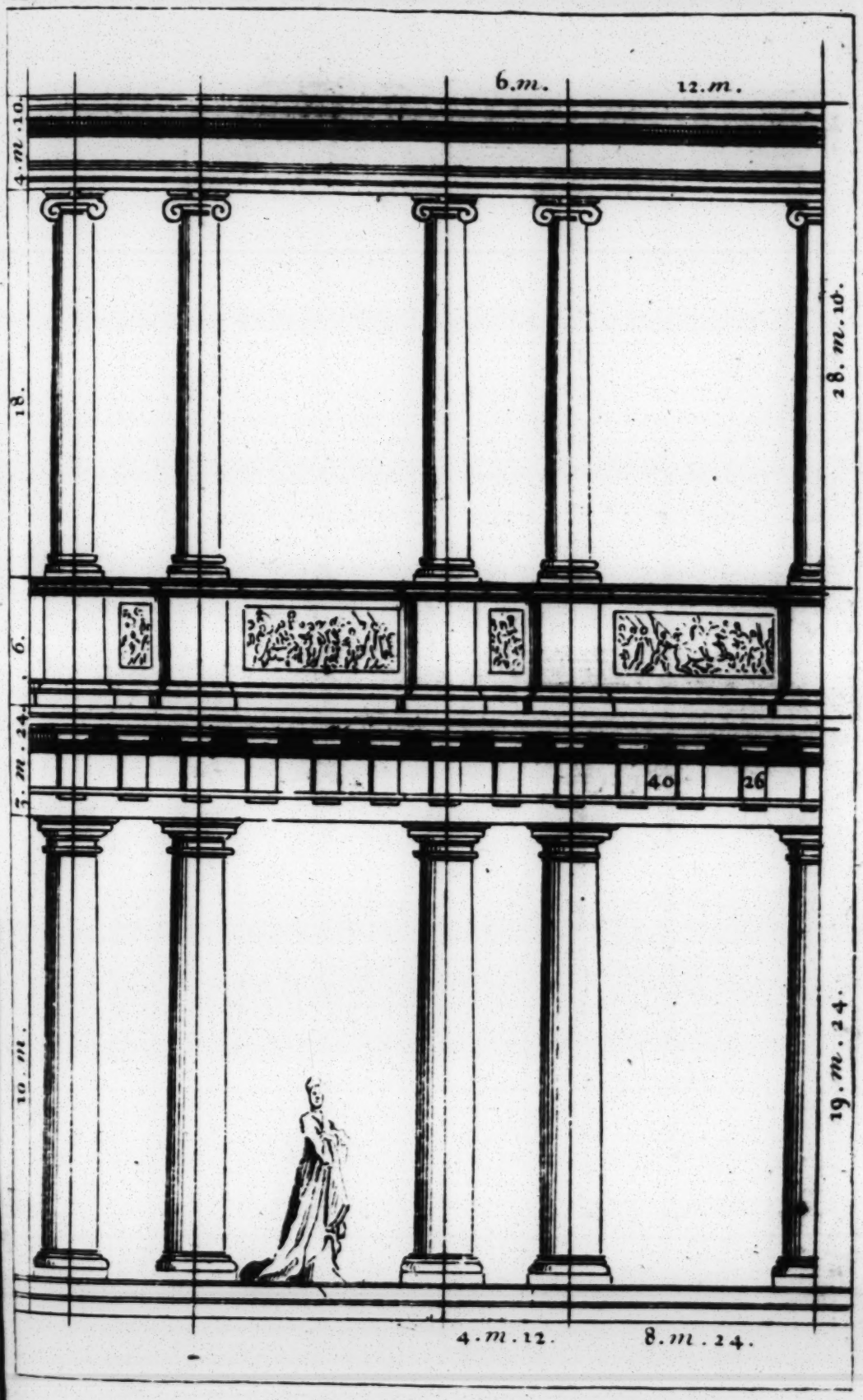
125. THE DORIC ORDER UPON THE TUSCAN.



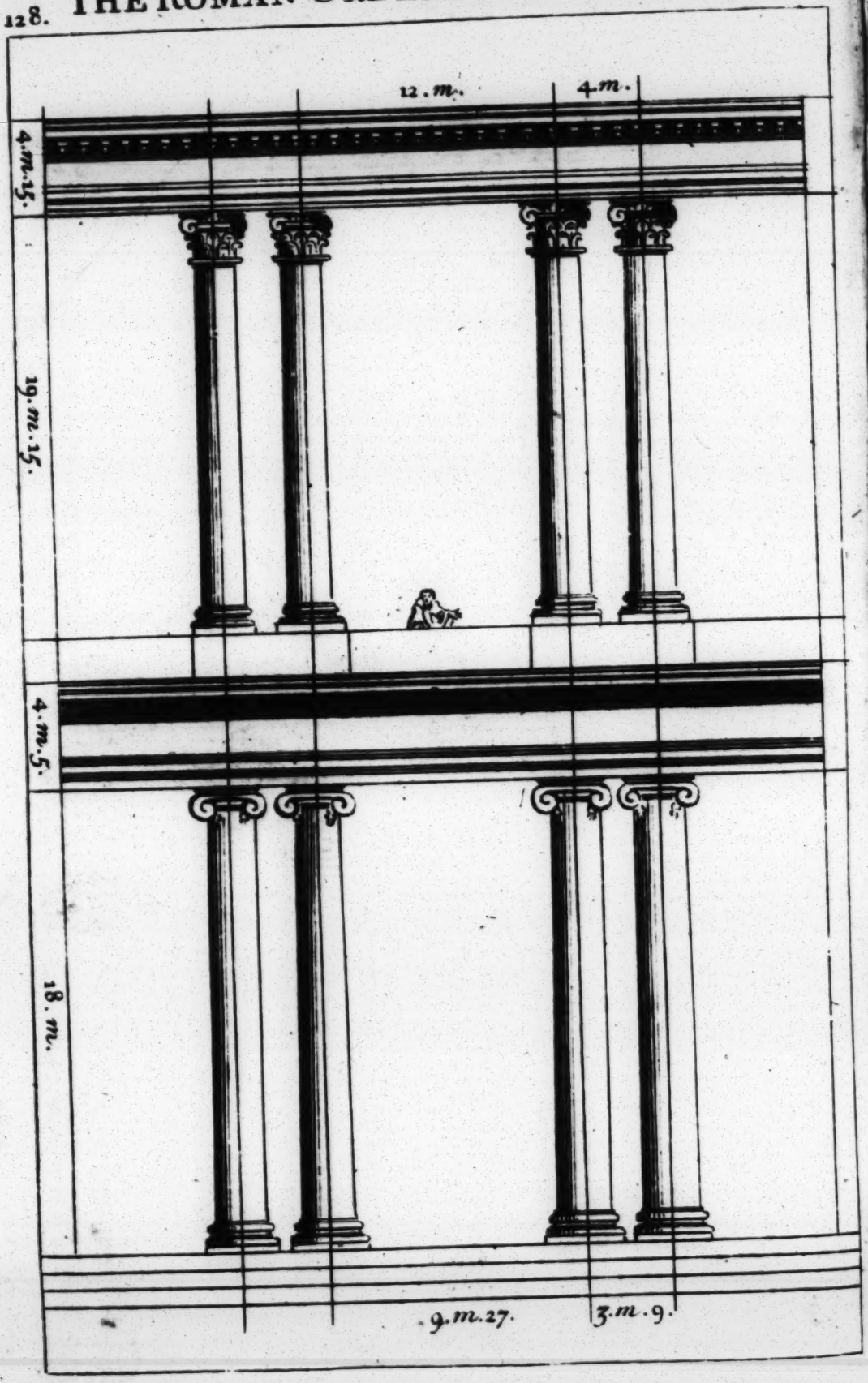
THE IONIC ORDER UPON THE DORIC.



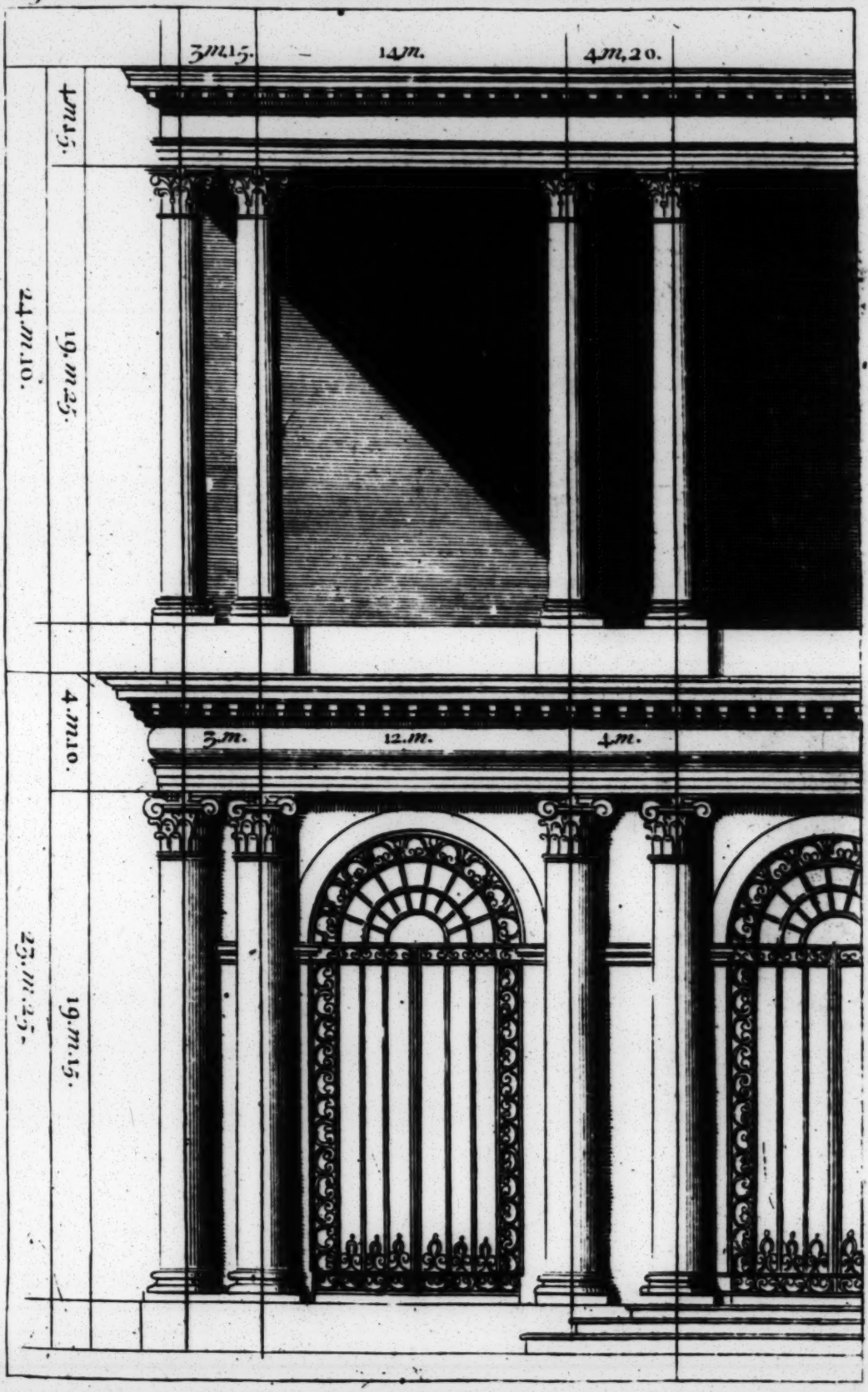
THE IONIC ORDER UPON THE DORIC.



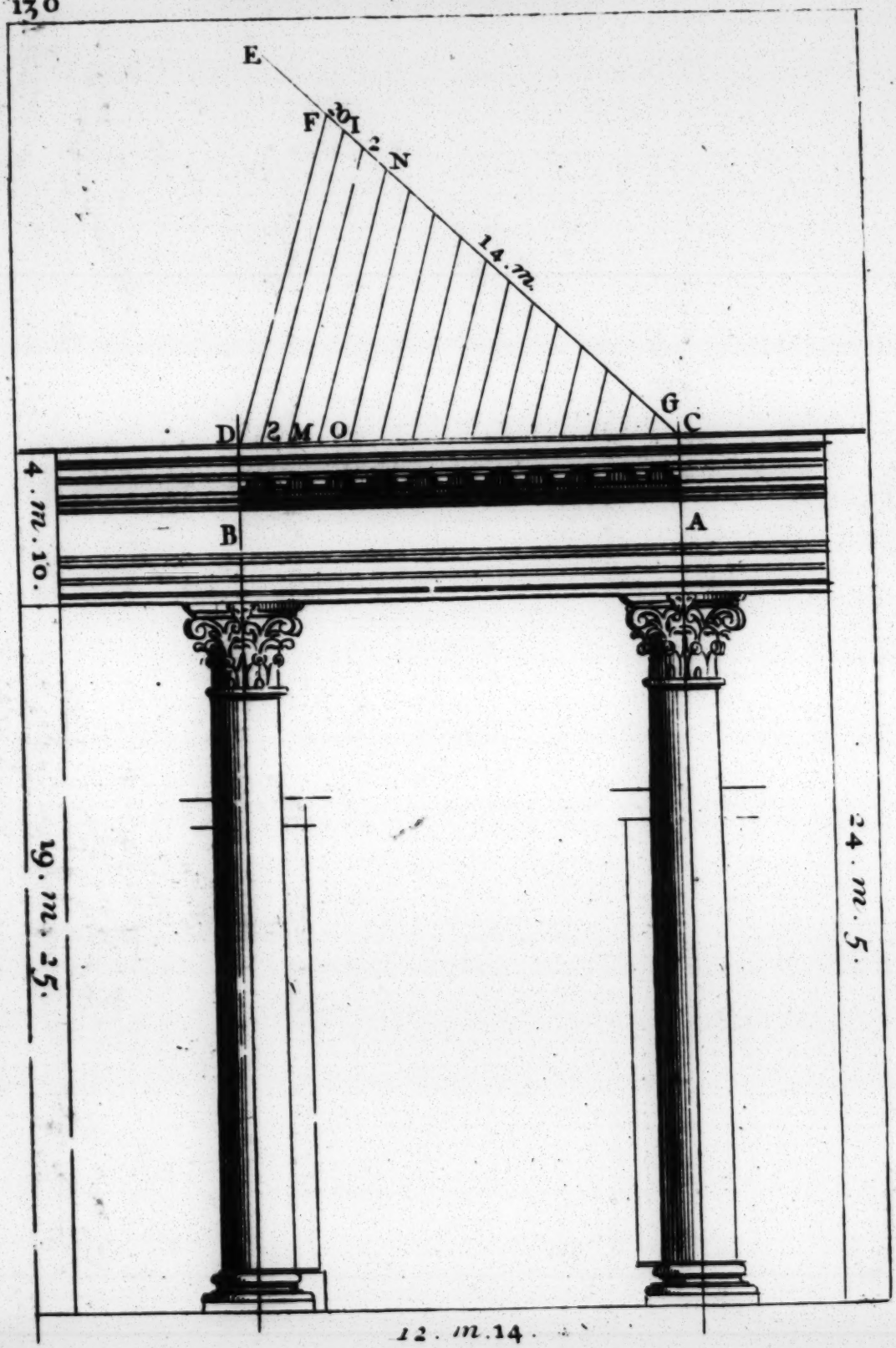
THE ROMAN ORDER UPON THE IONIC.



THE SPANISH ORDER UPON THE ROMAN.

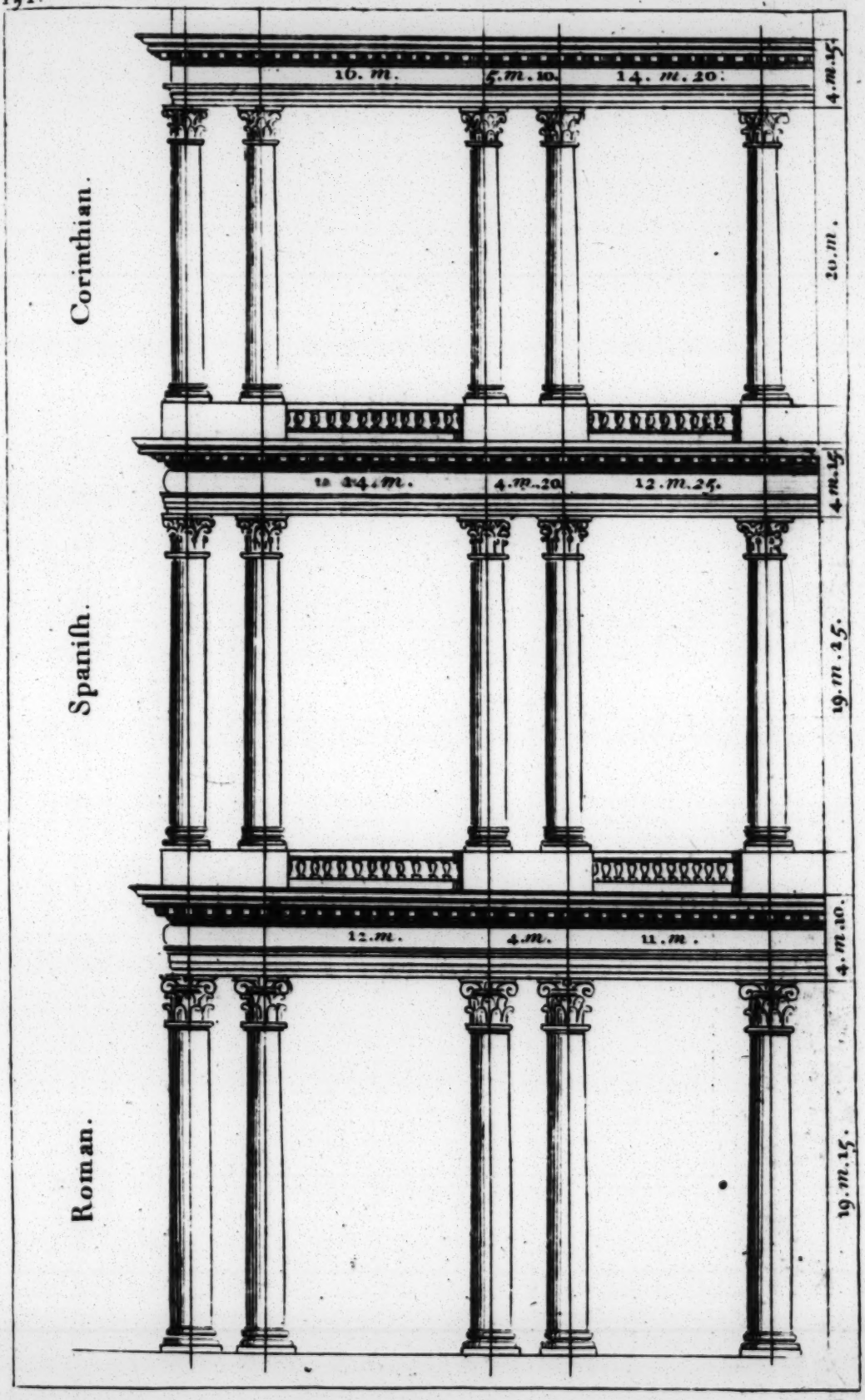


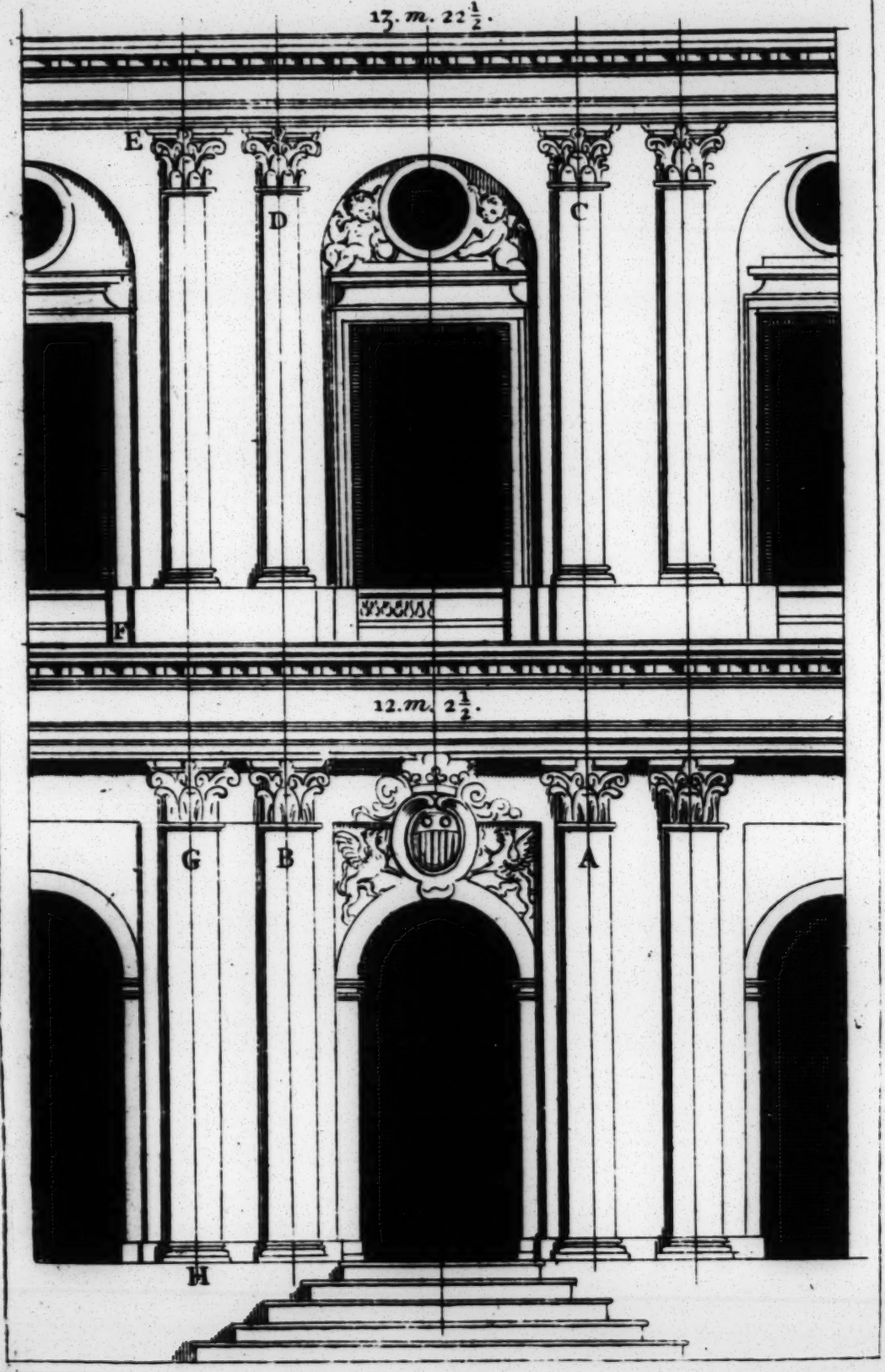
SPANISH ORDER.

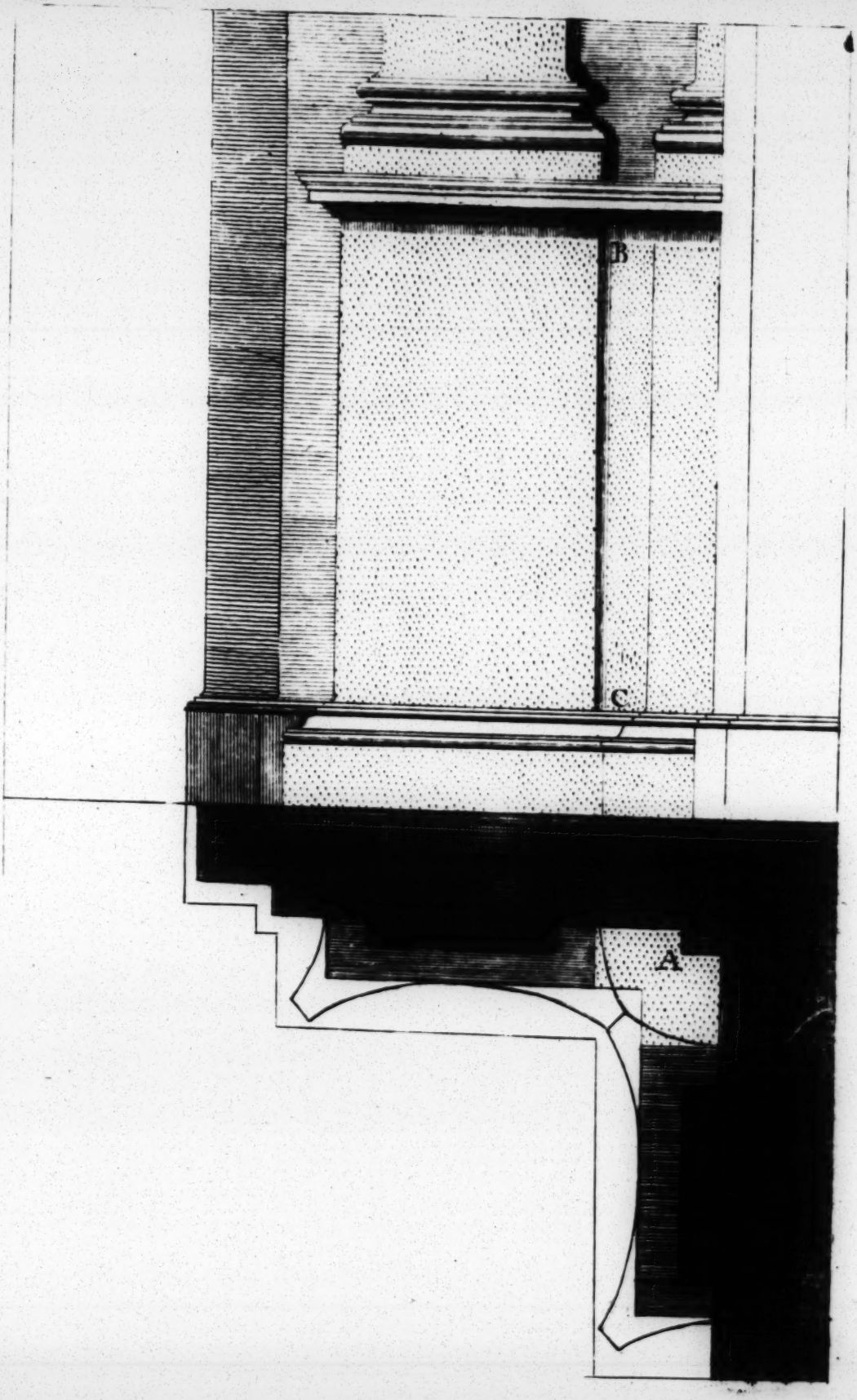


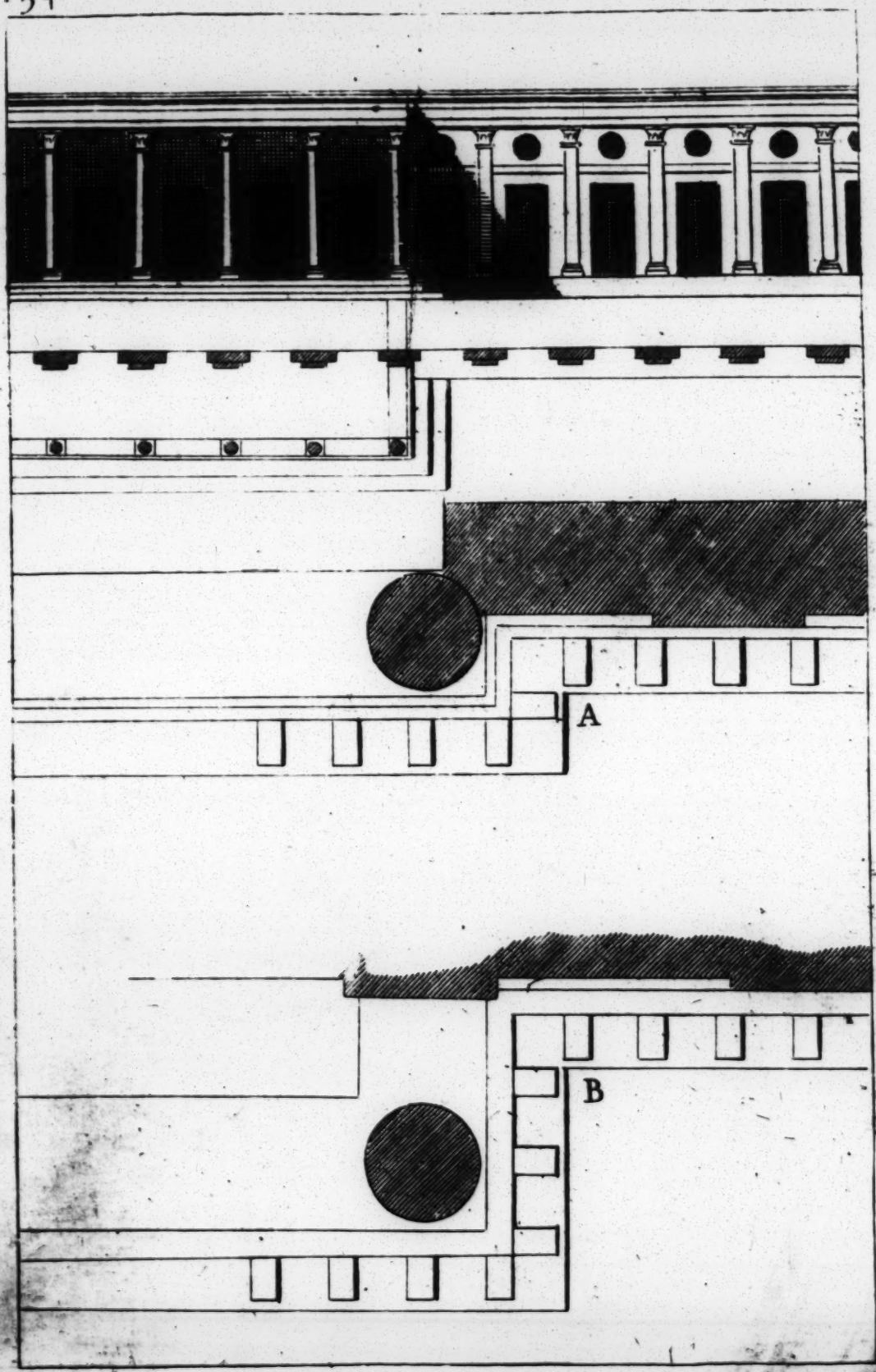
THE CORINTH. ORDER UPON THE SPAN. & ROMAN.

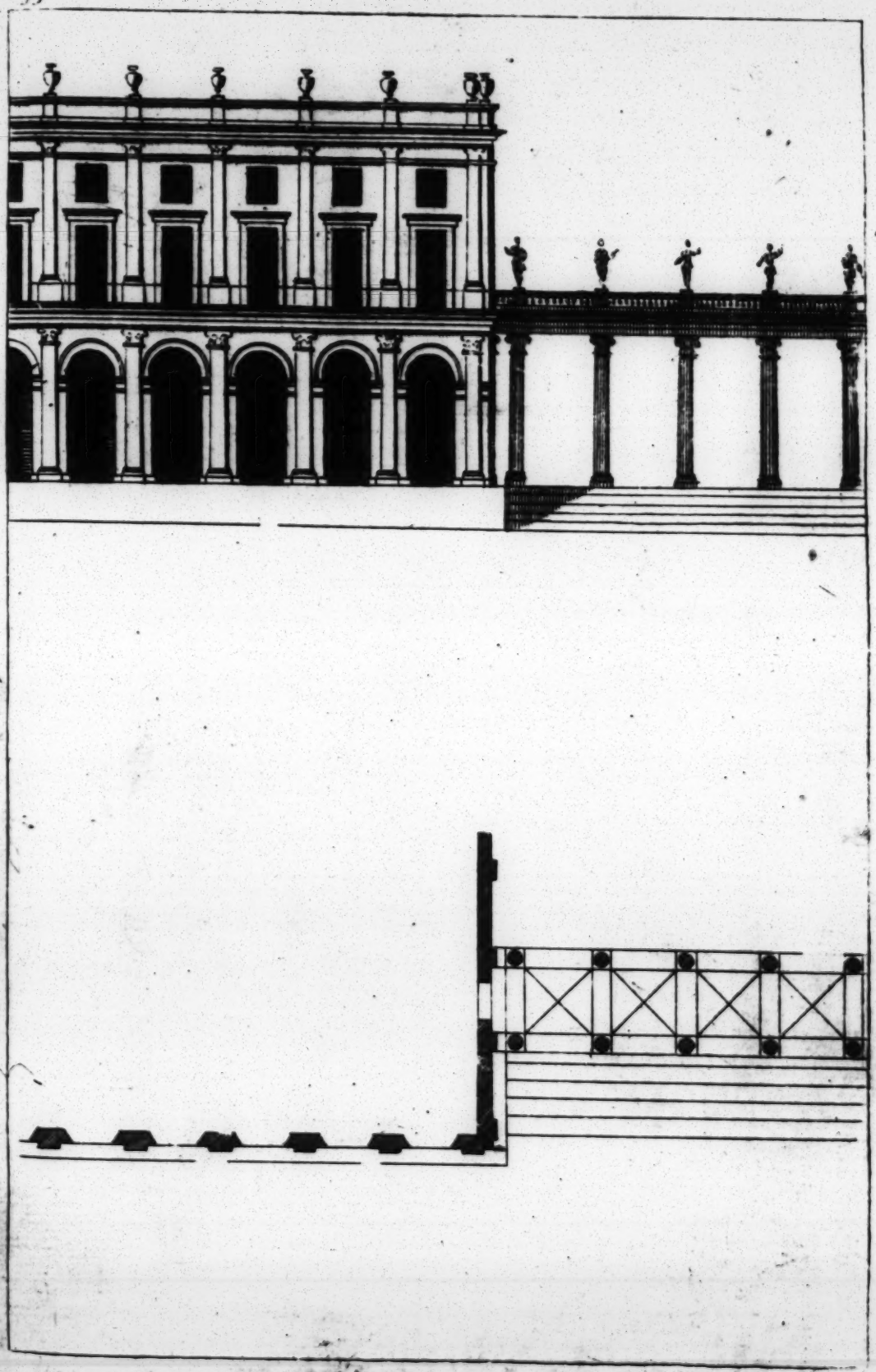
191.

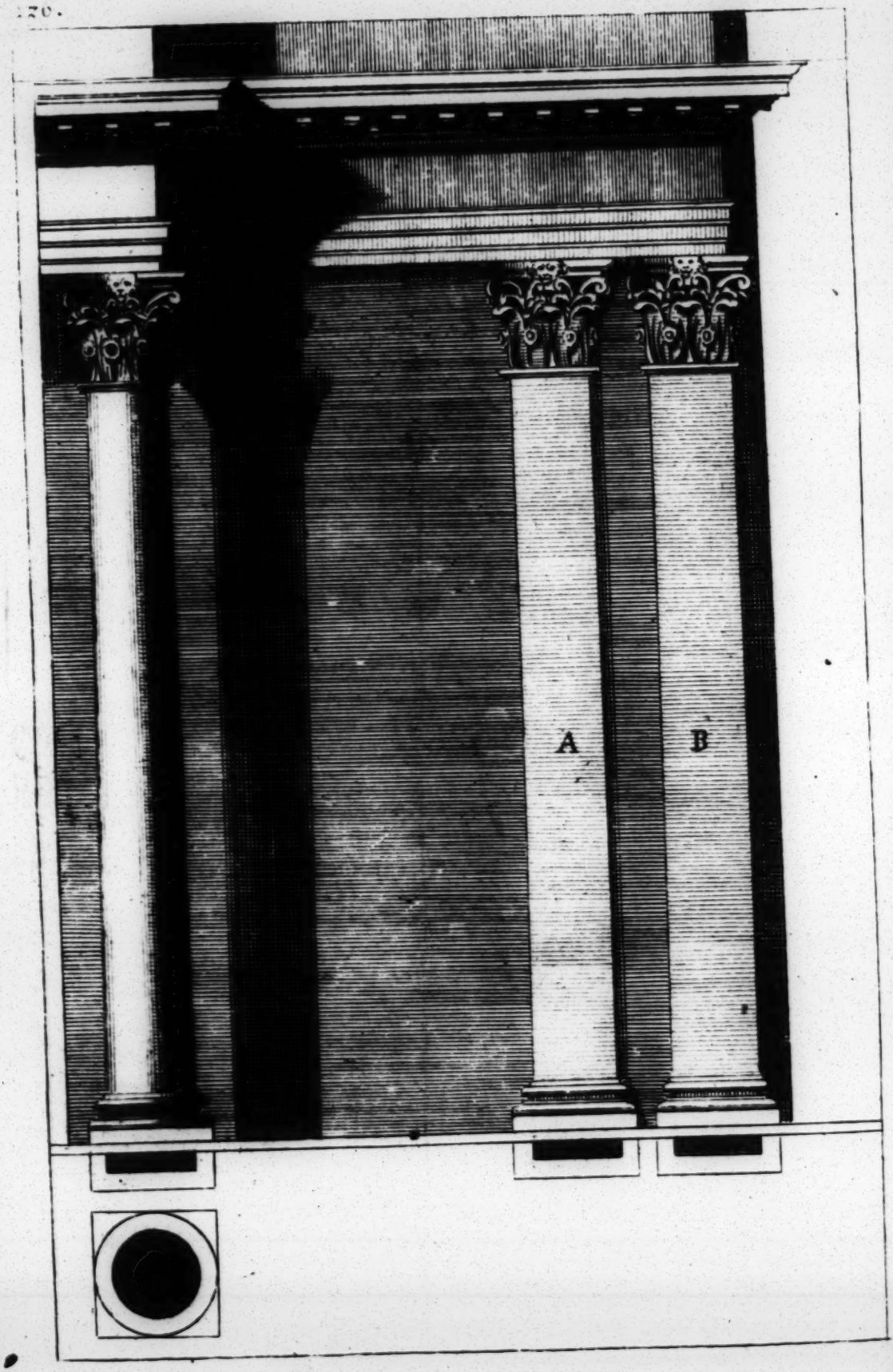


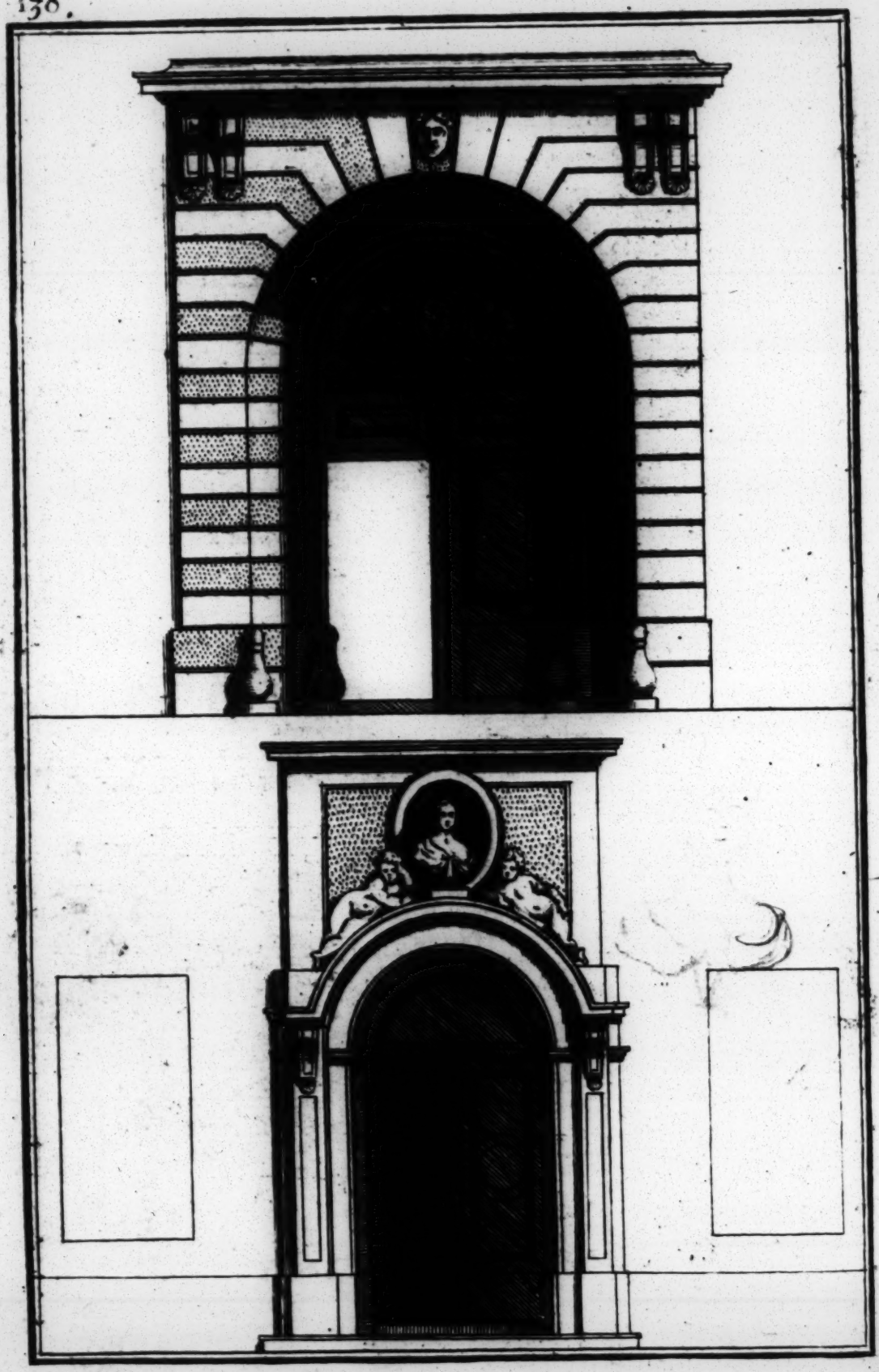

17. m. 22½.
E
D
C
F
12. m. 2½.
G
B
A
H

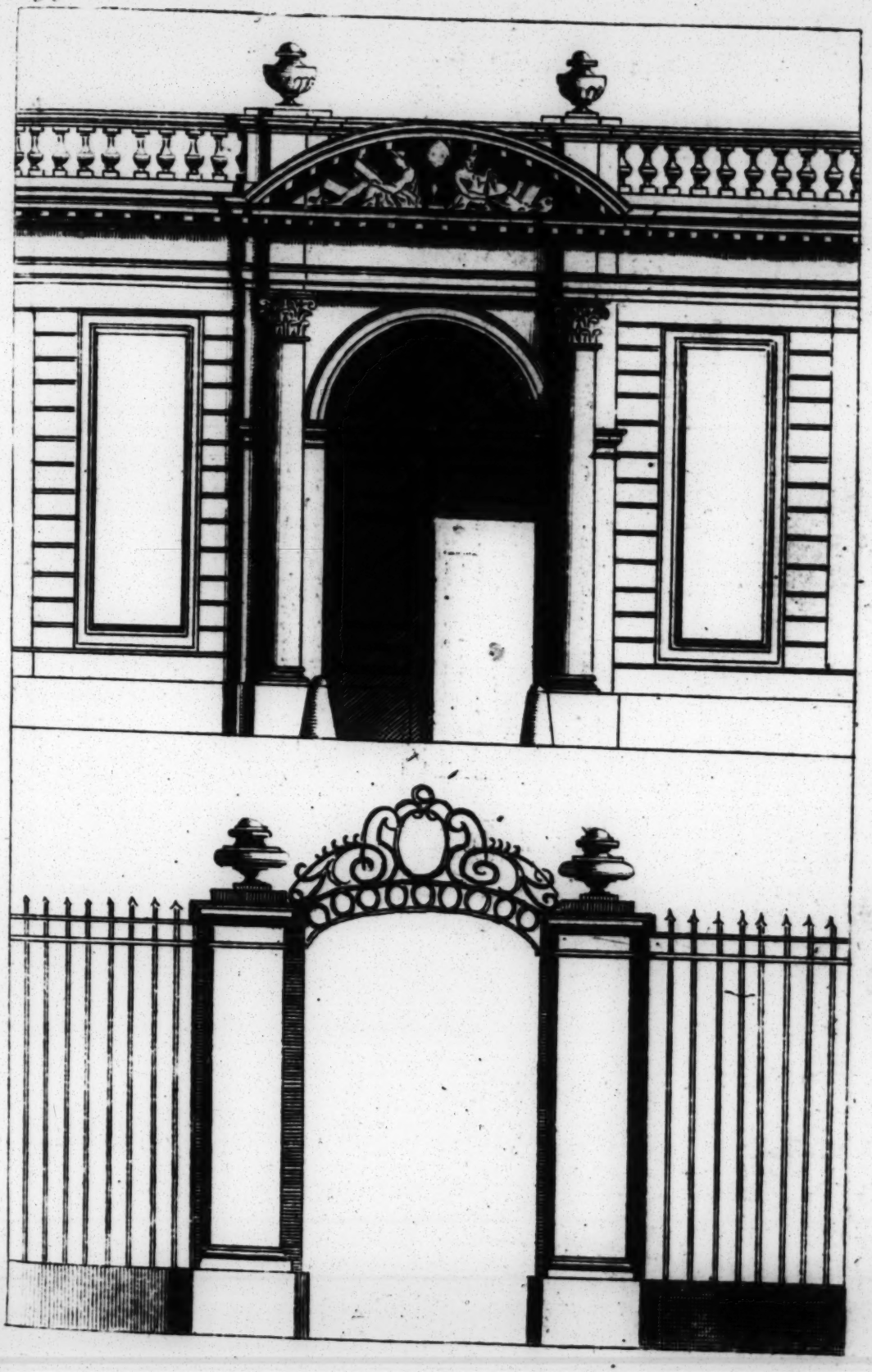

B
C
A

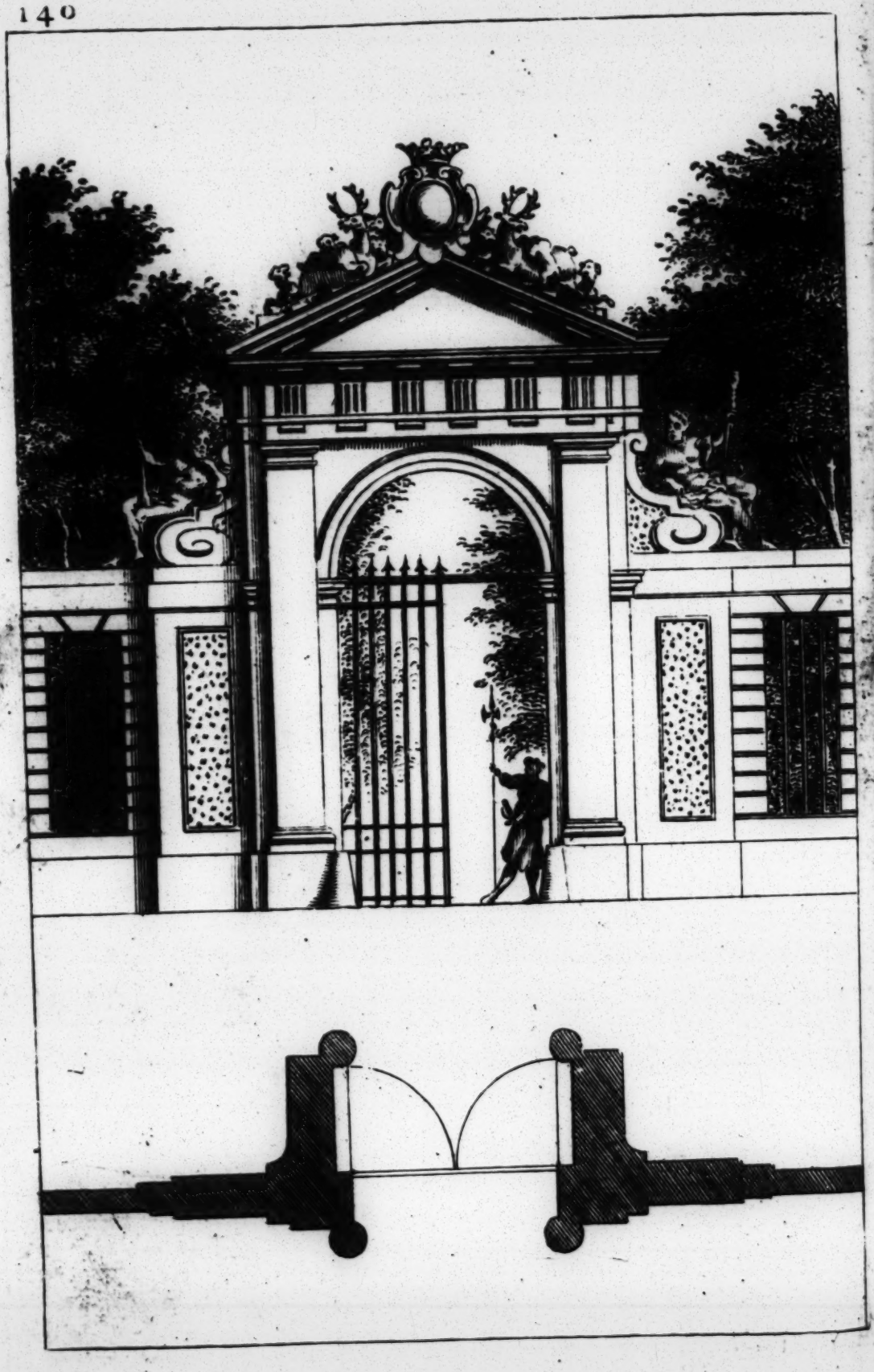

A
B

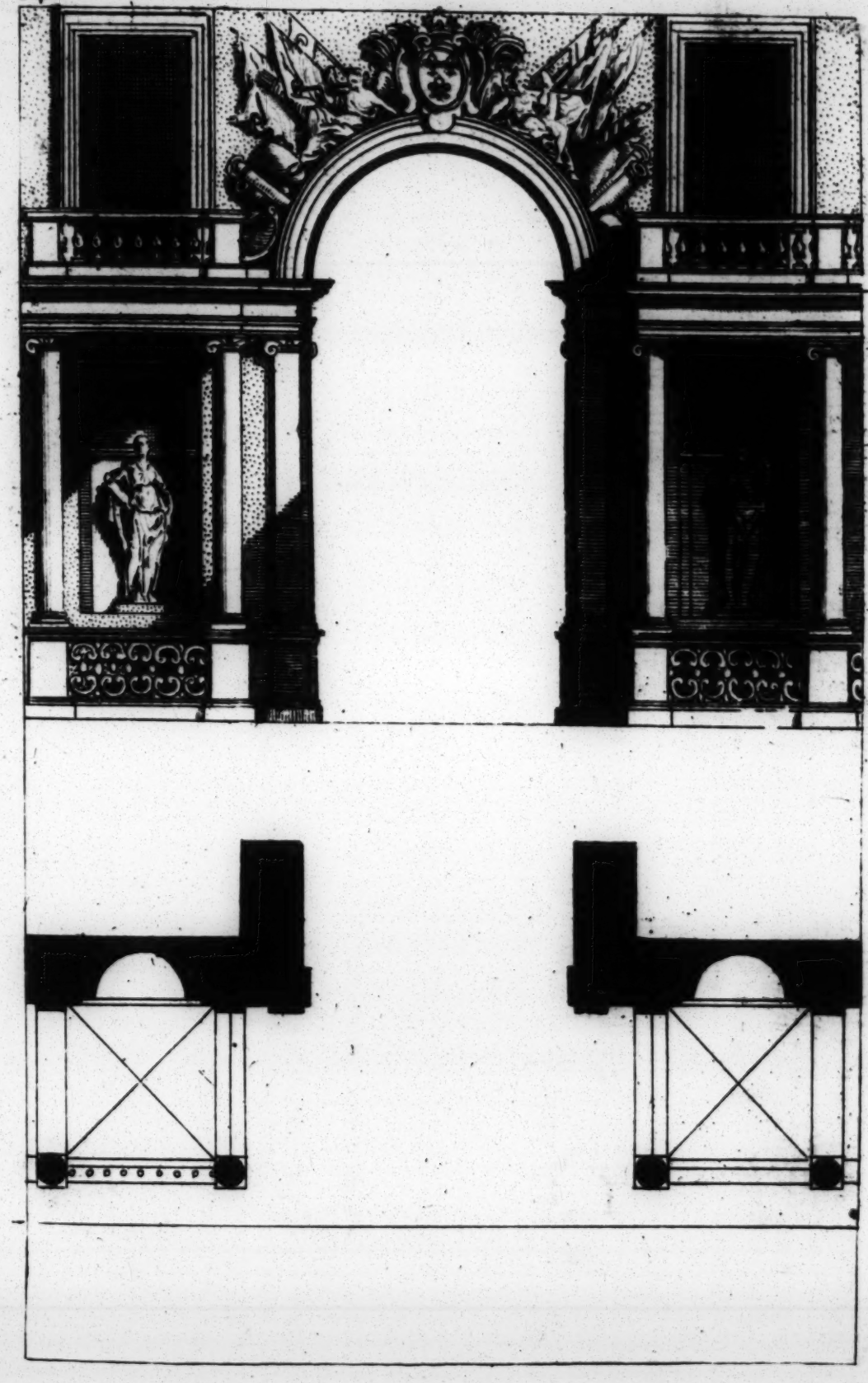


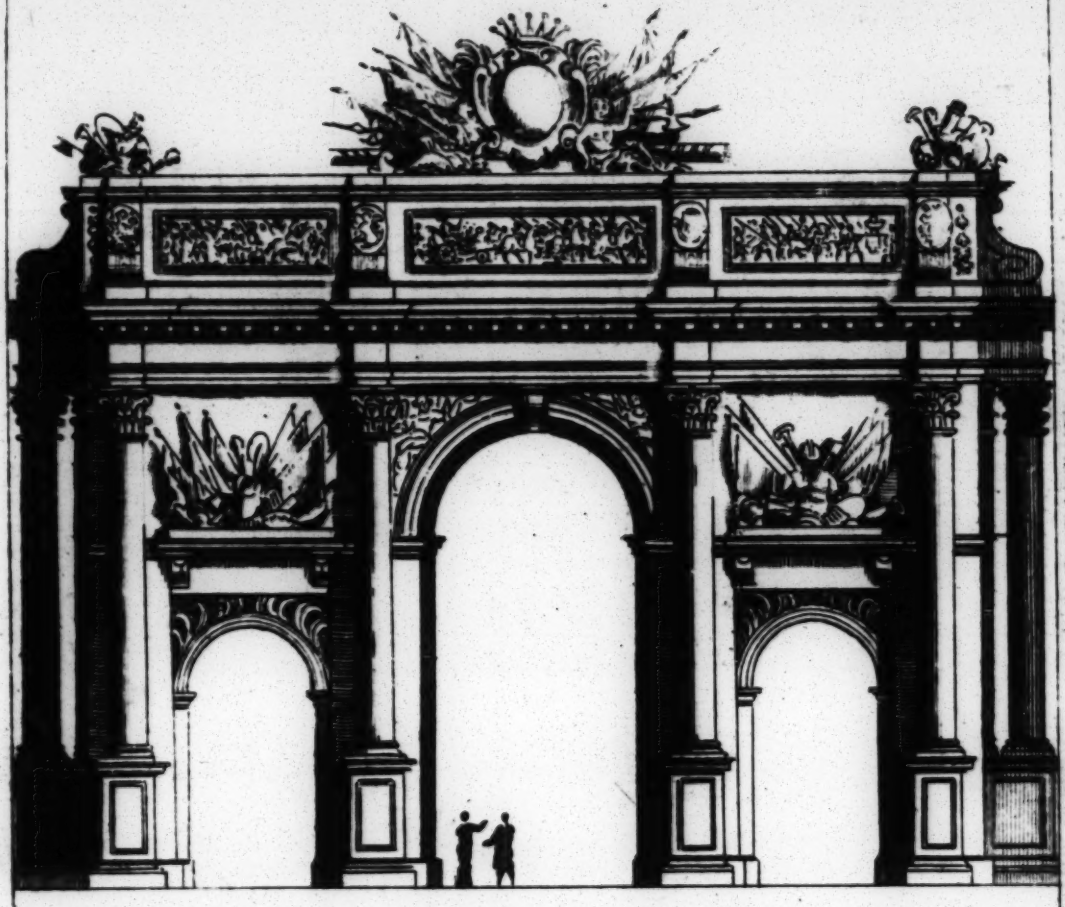

A
B

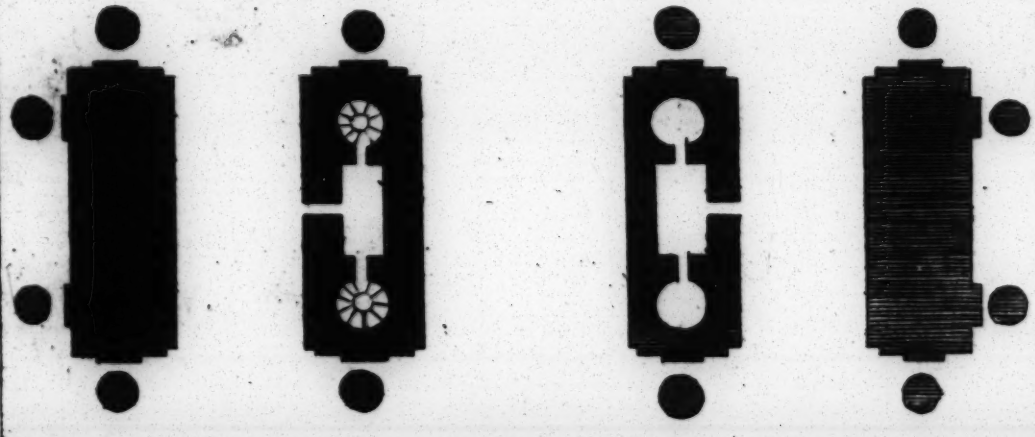


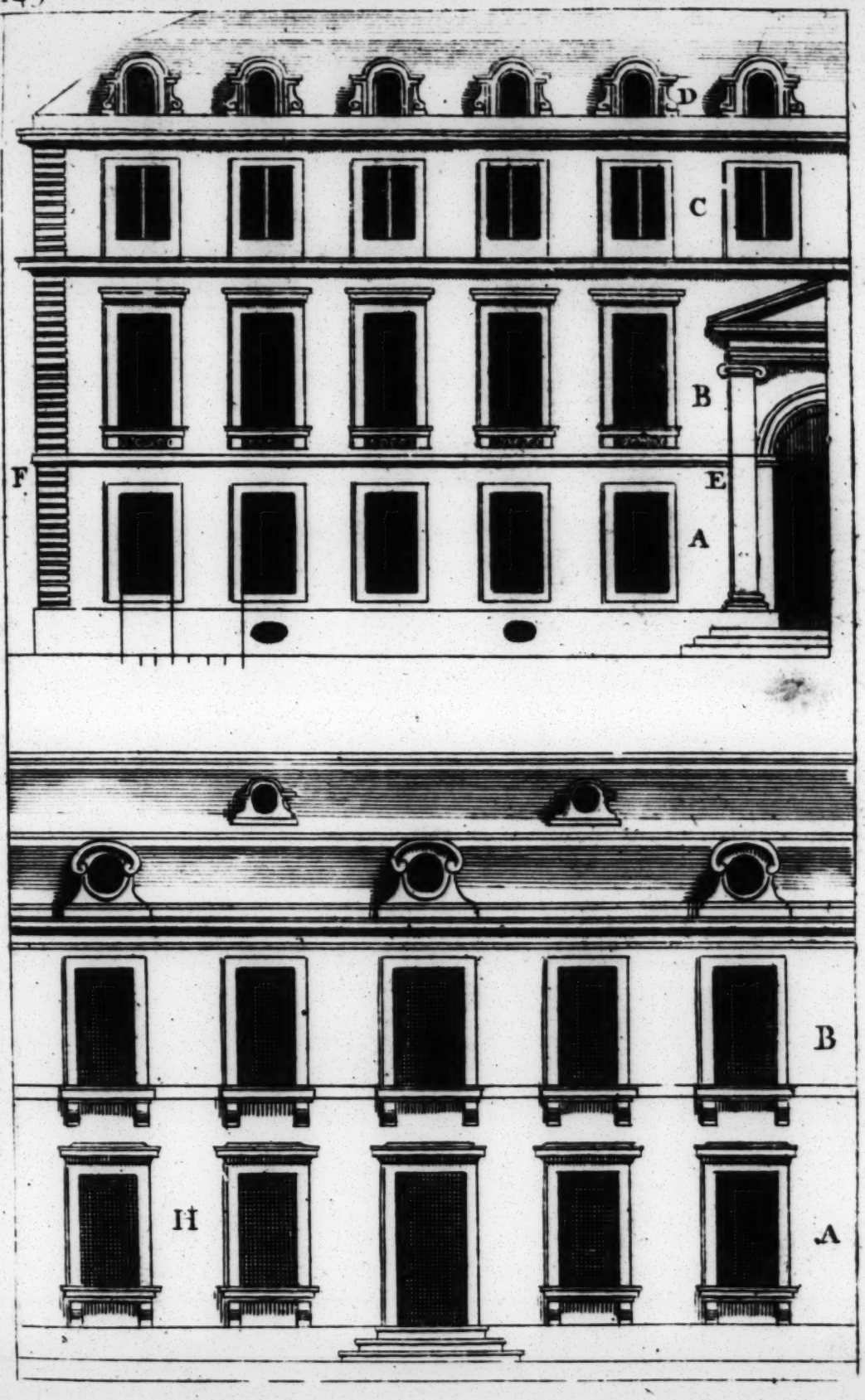











D
C
B
F
E
A
B
H
A

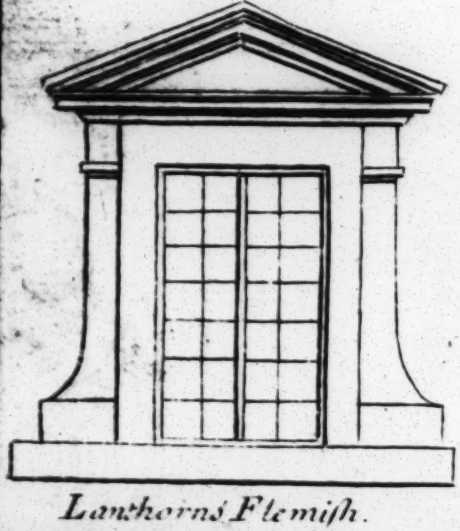
A
B

Ox Eye Round.

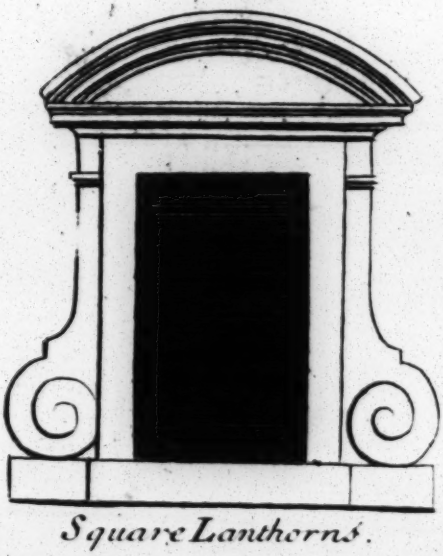
Ox Eye Oval.

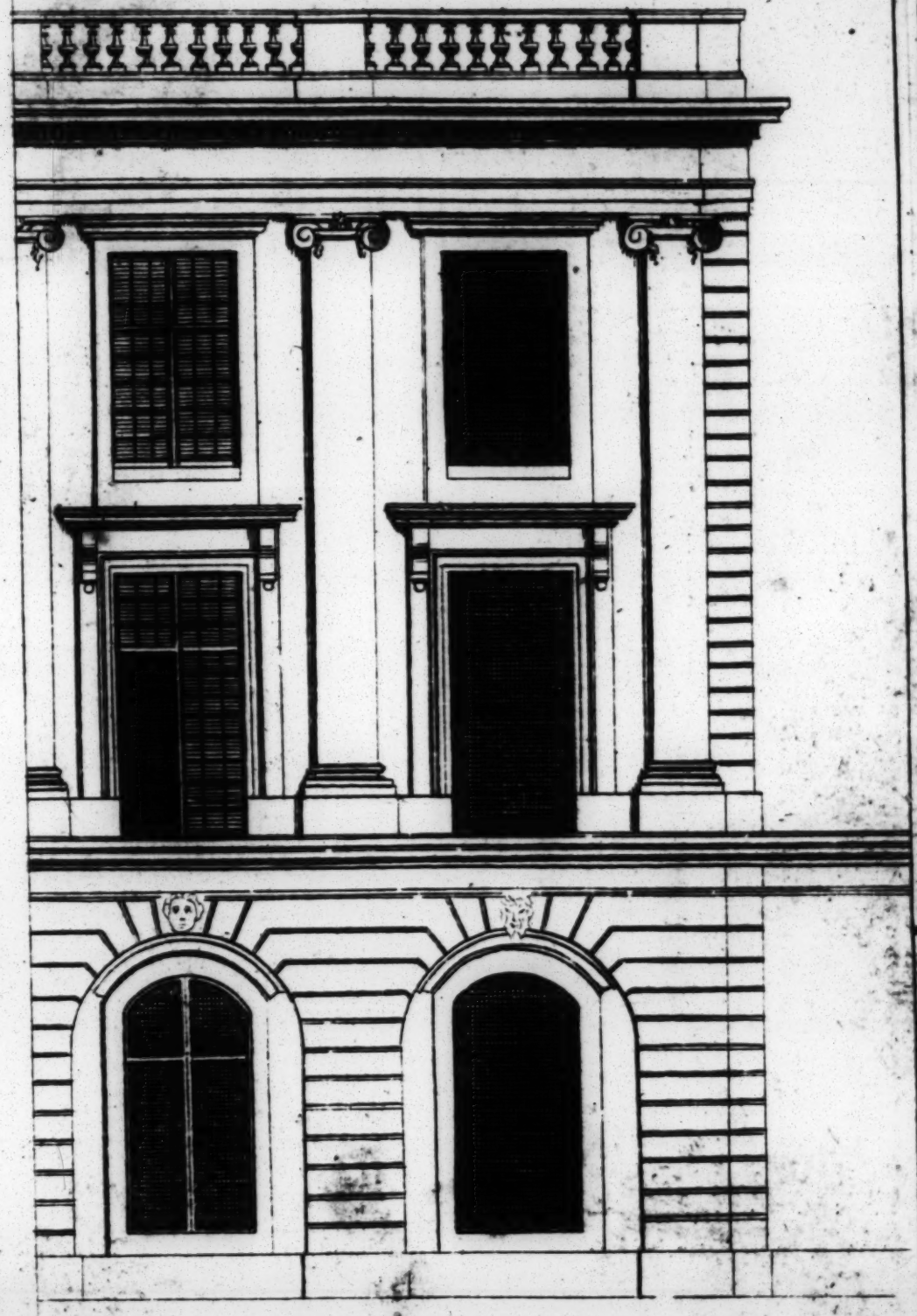
A Lanthorn with a Scheme Arch.

A Lanthorn with a Semicircular Arch.

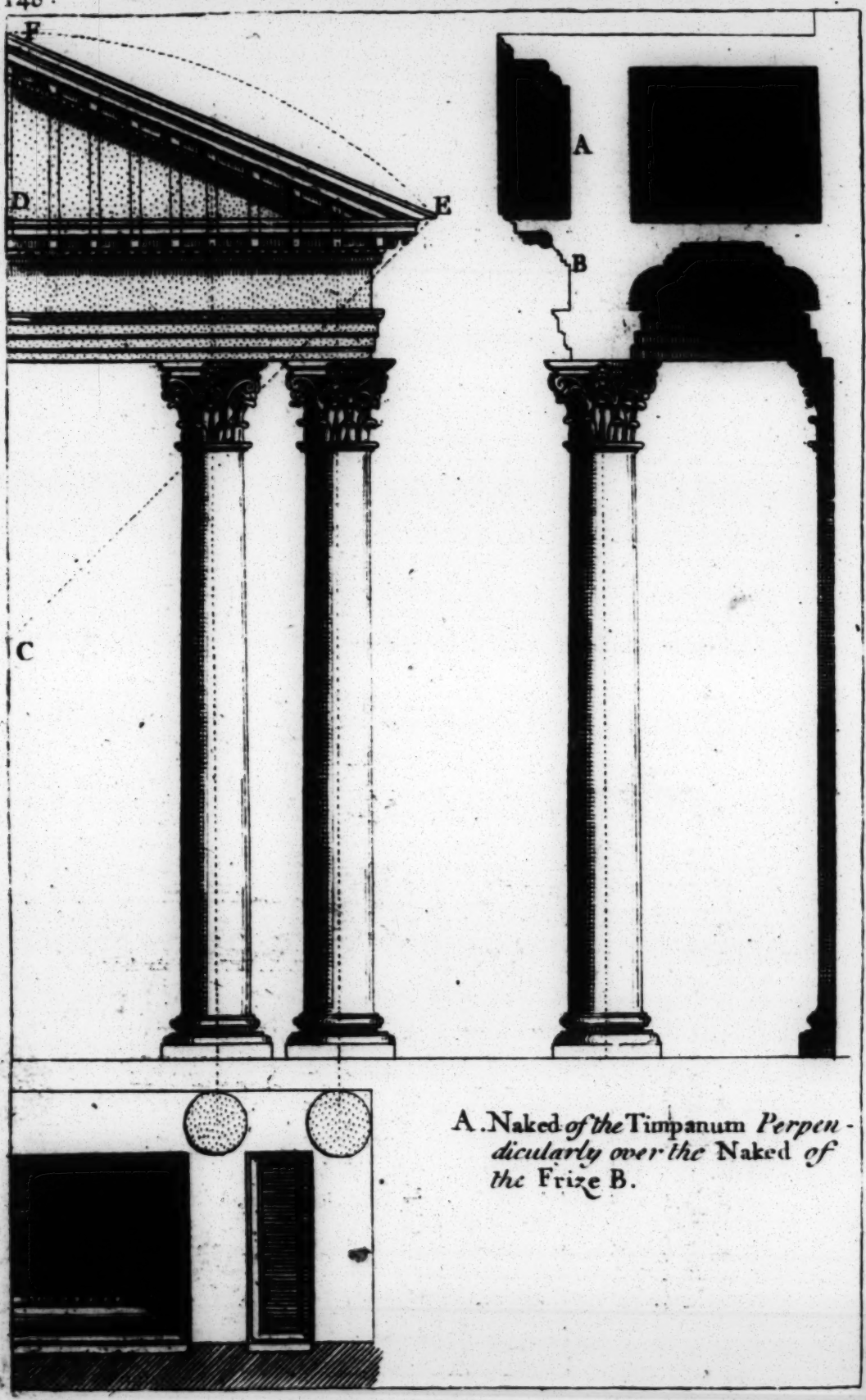


Lanthorns Flemish. *or* *Square Lanthorns.*



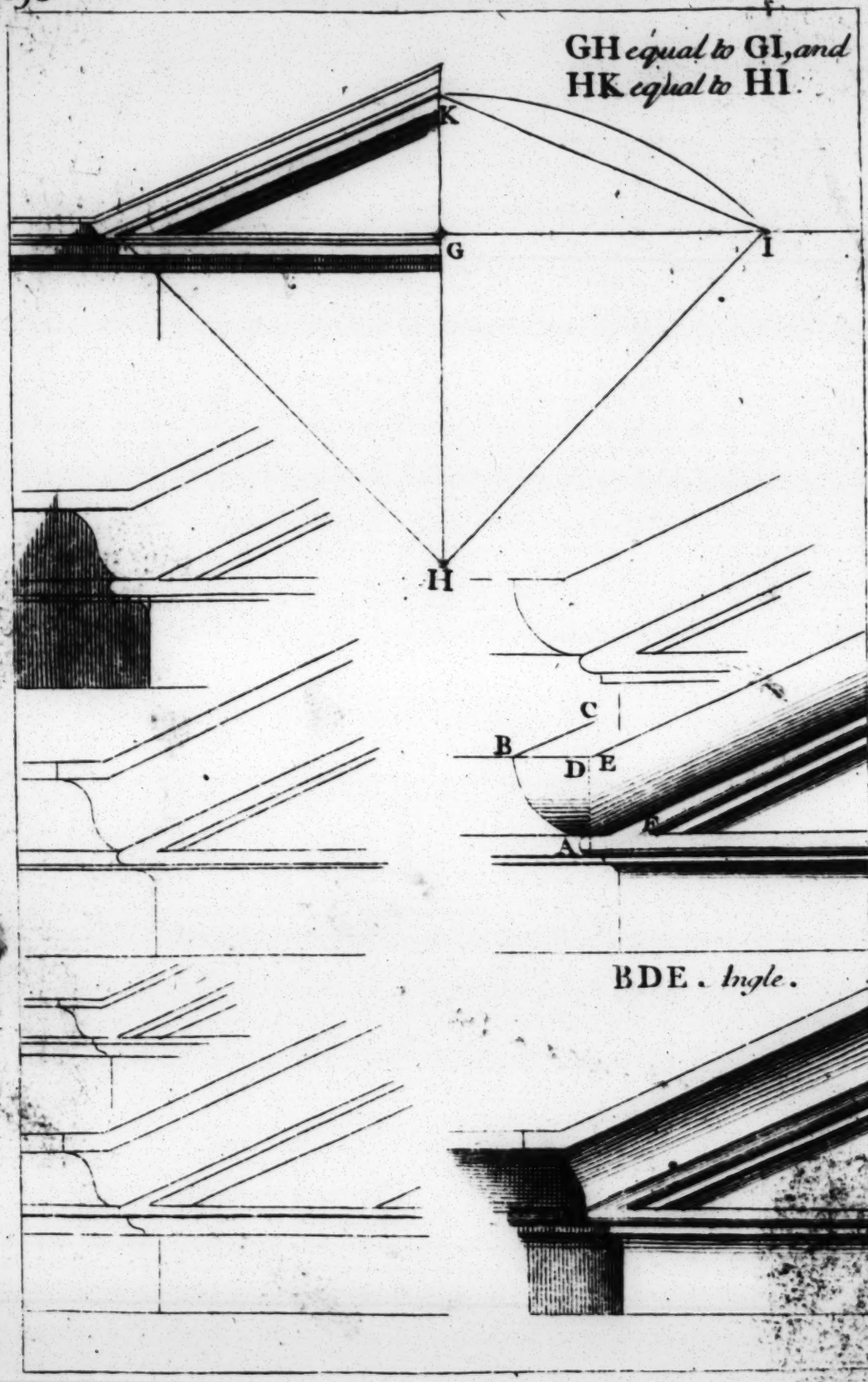


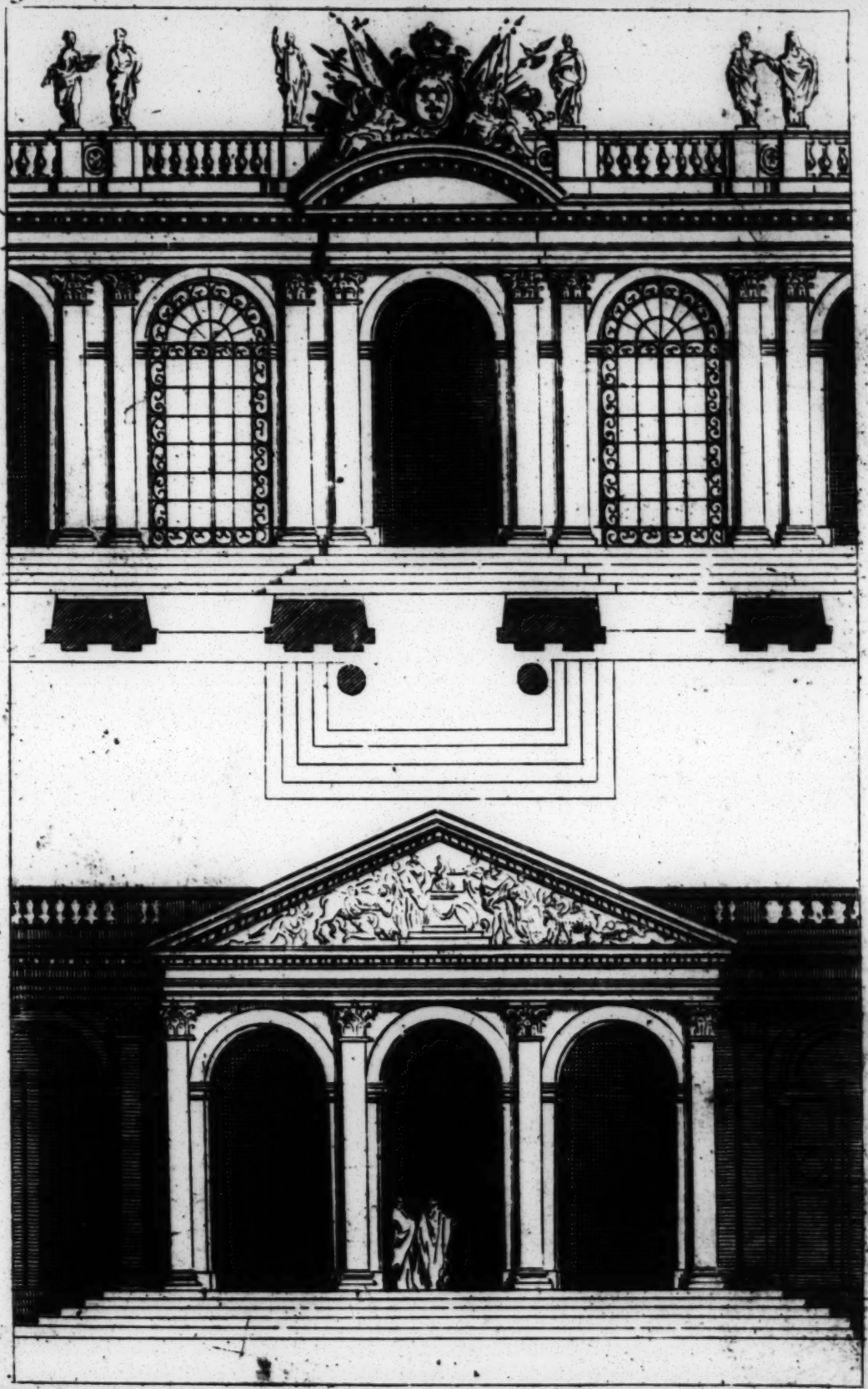
A TRIANGULAR PEDIMENT.

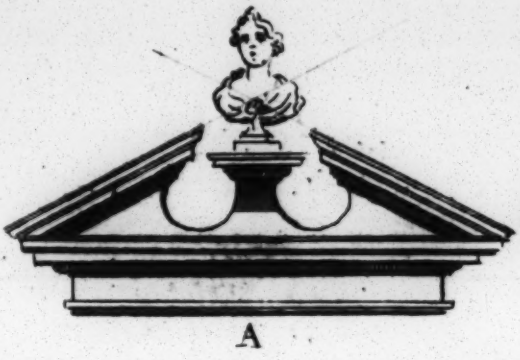


A. Naked *of the* Timpanum *Perpendicularly over the* Naked *of the* Frize B.

Angles for the Pediments.



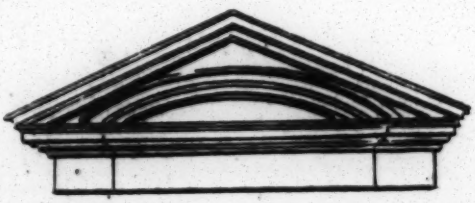


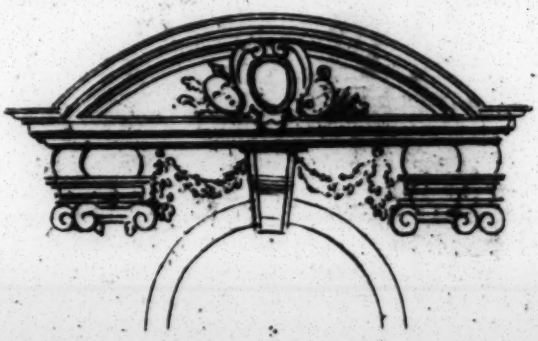


A

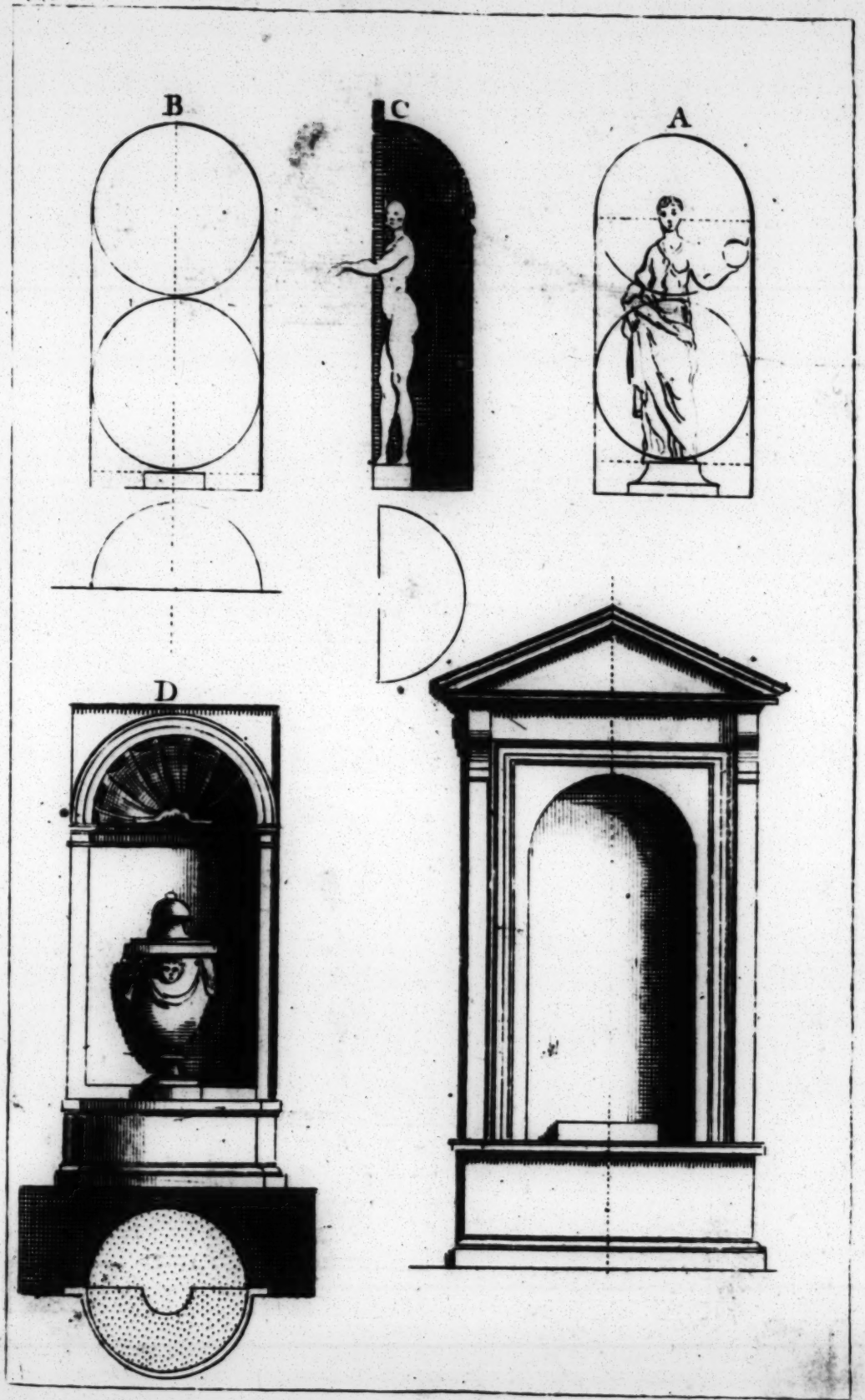
B

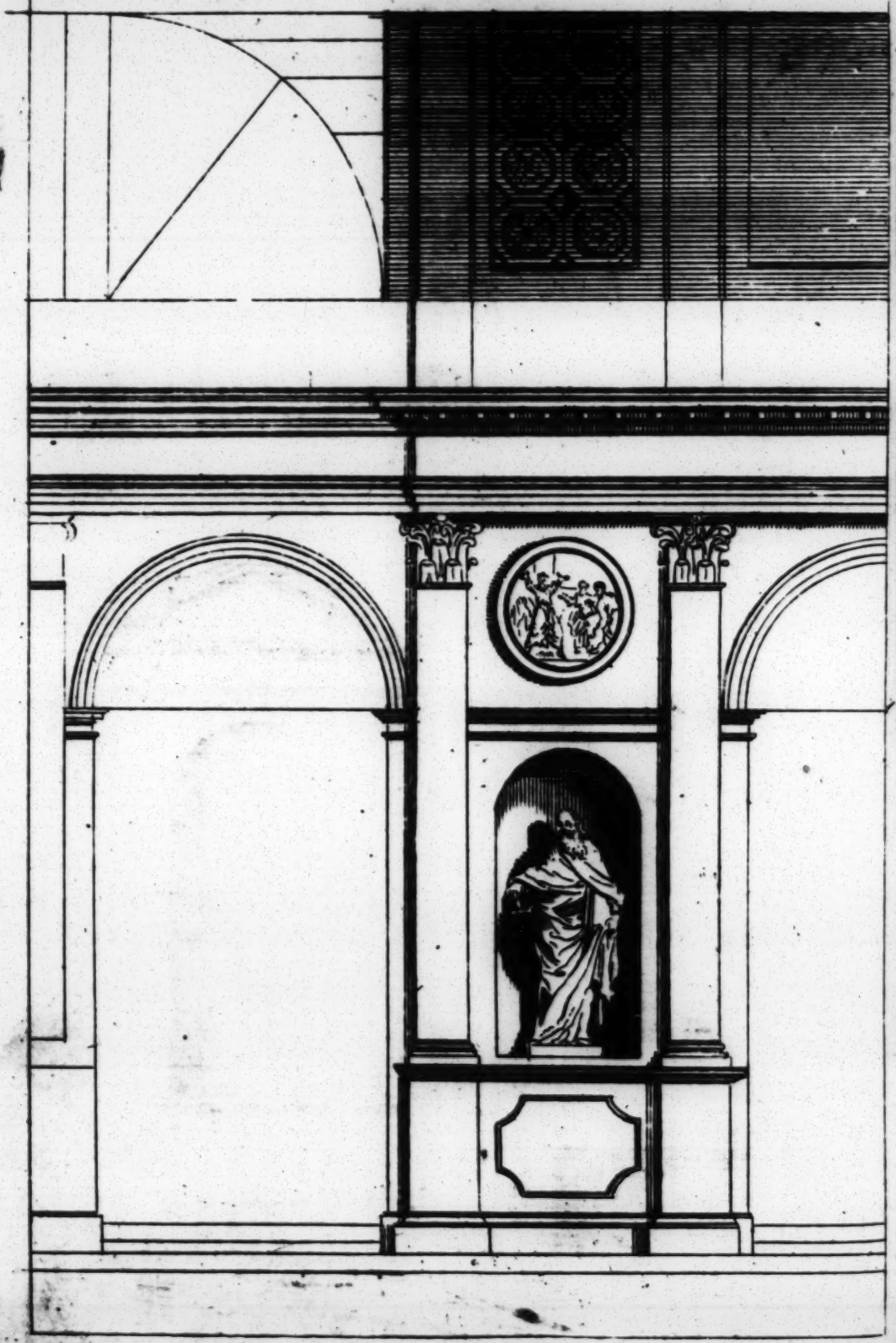
C

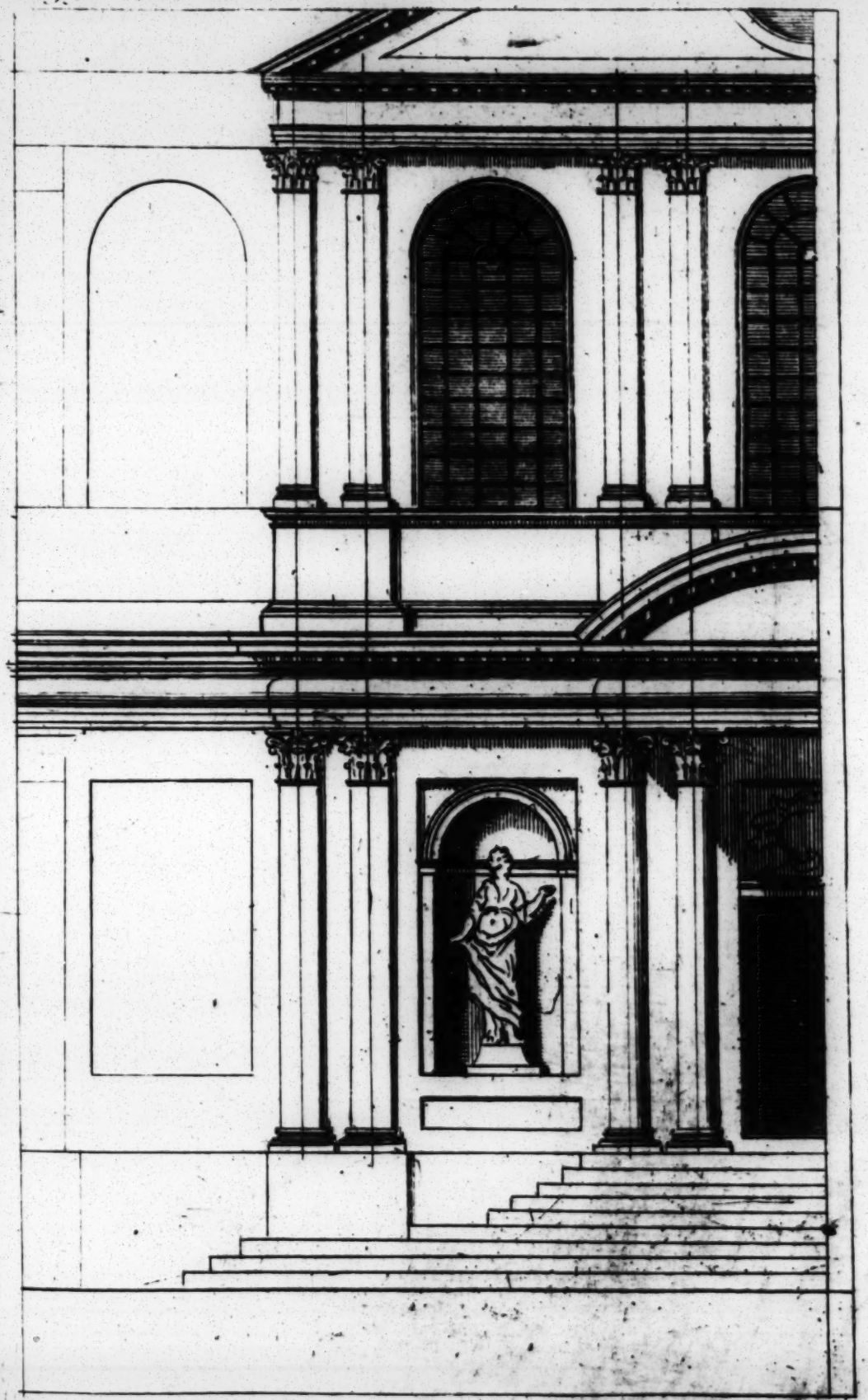


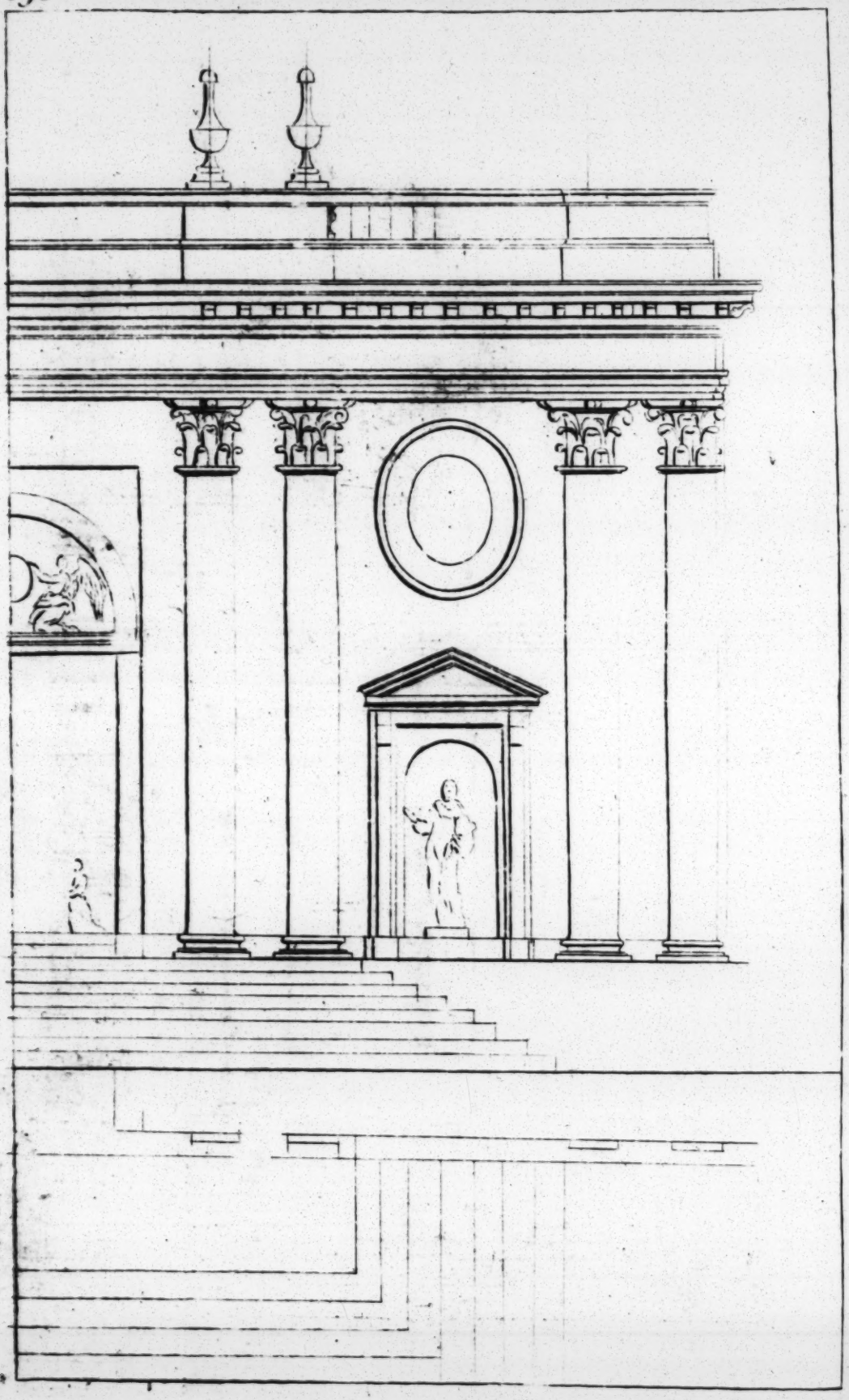


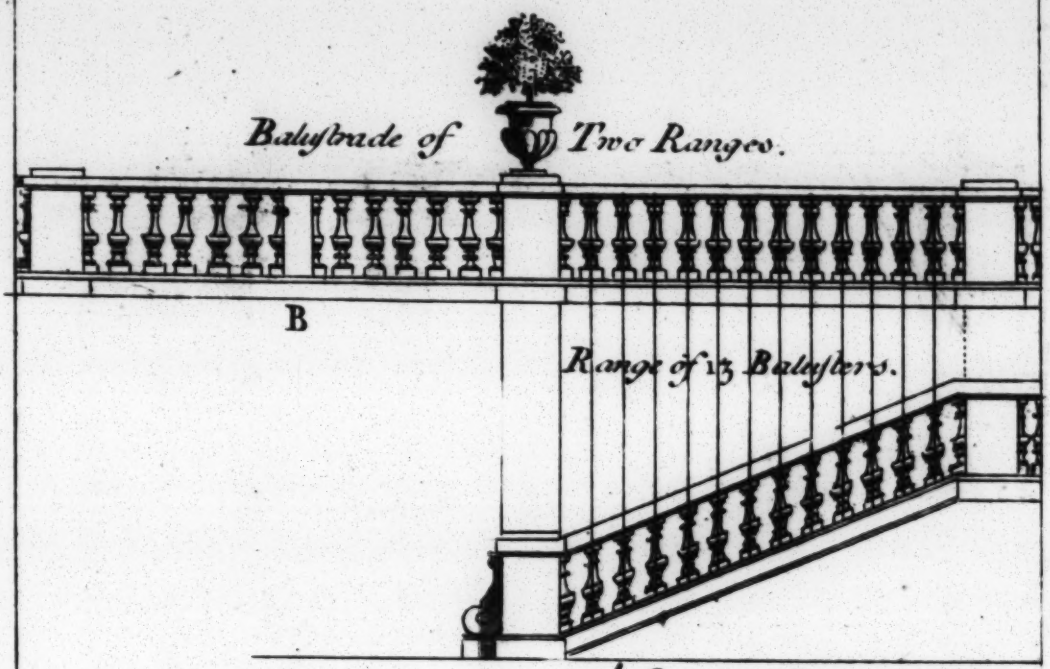
NICHES.



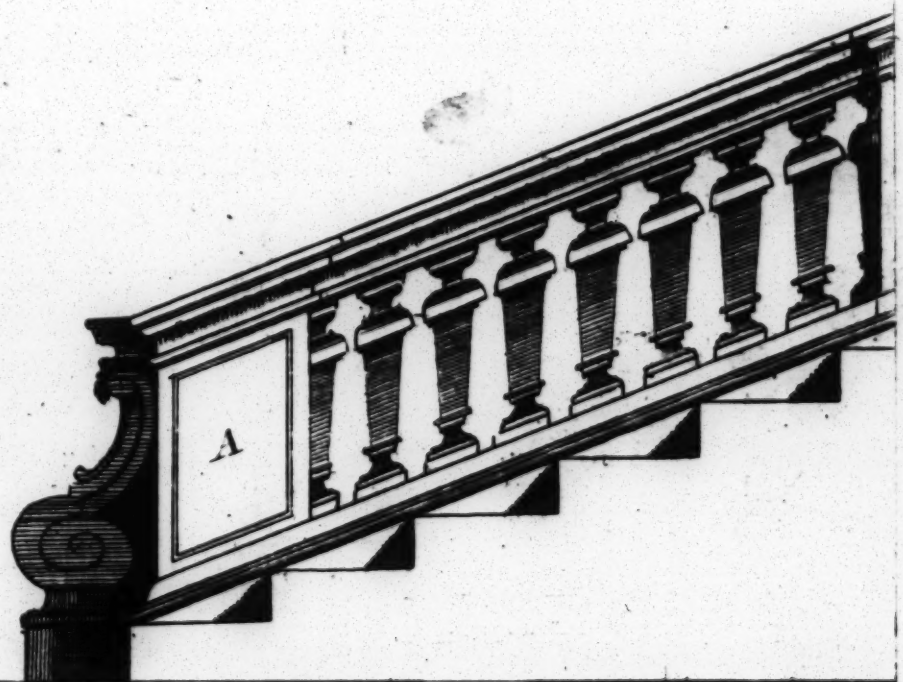




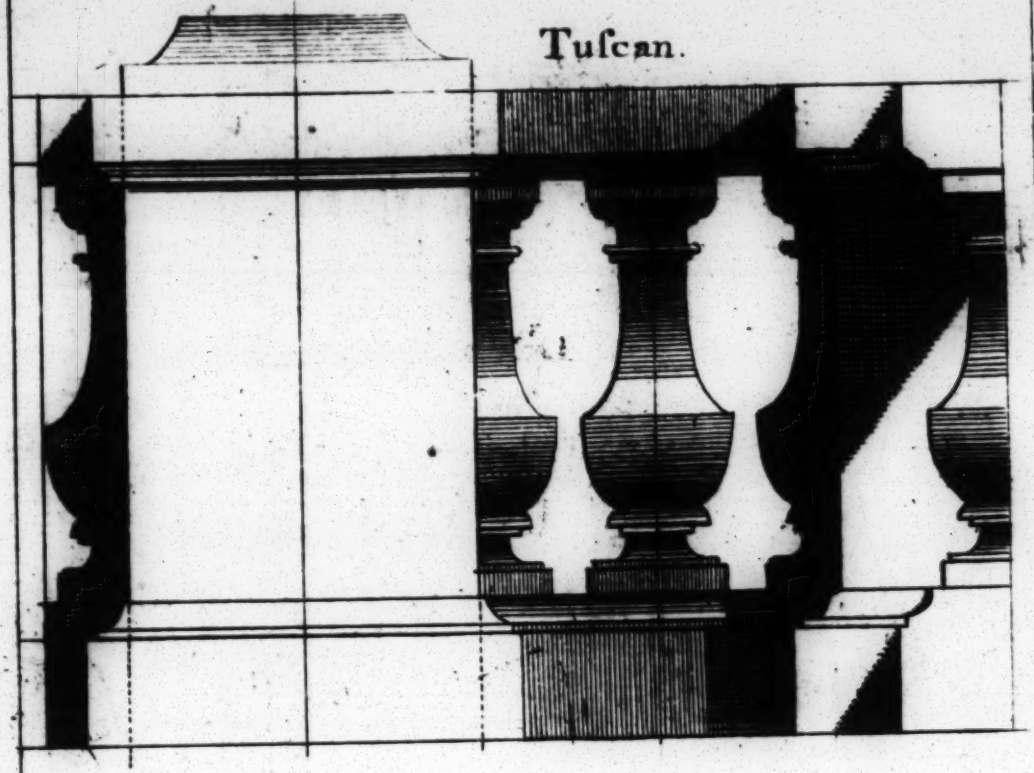




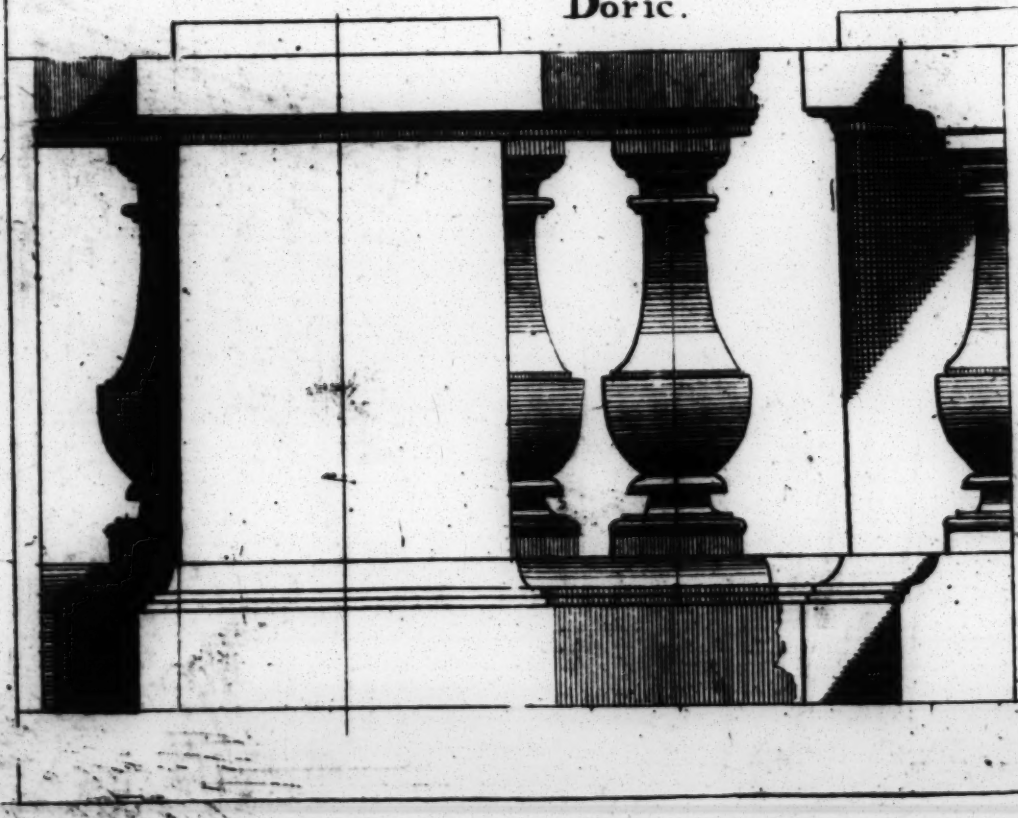
A Sloping Balustrade.

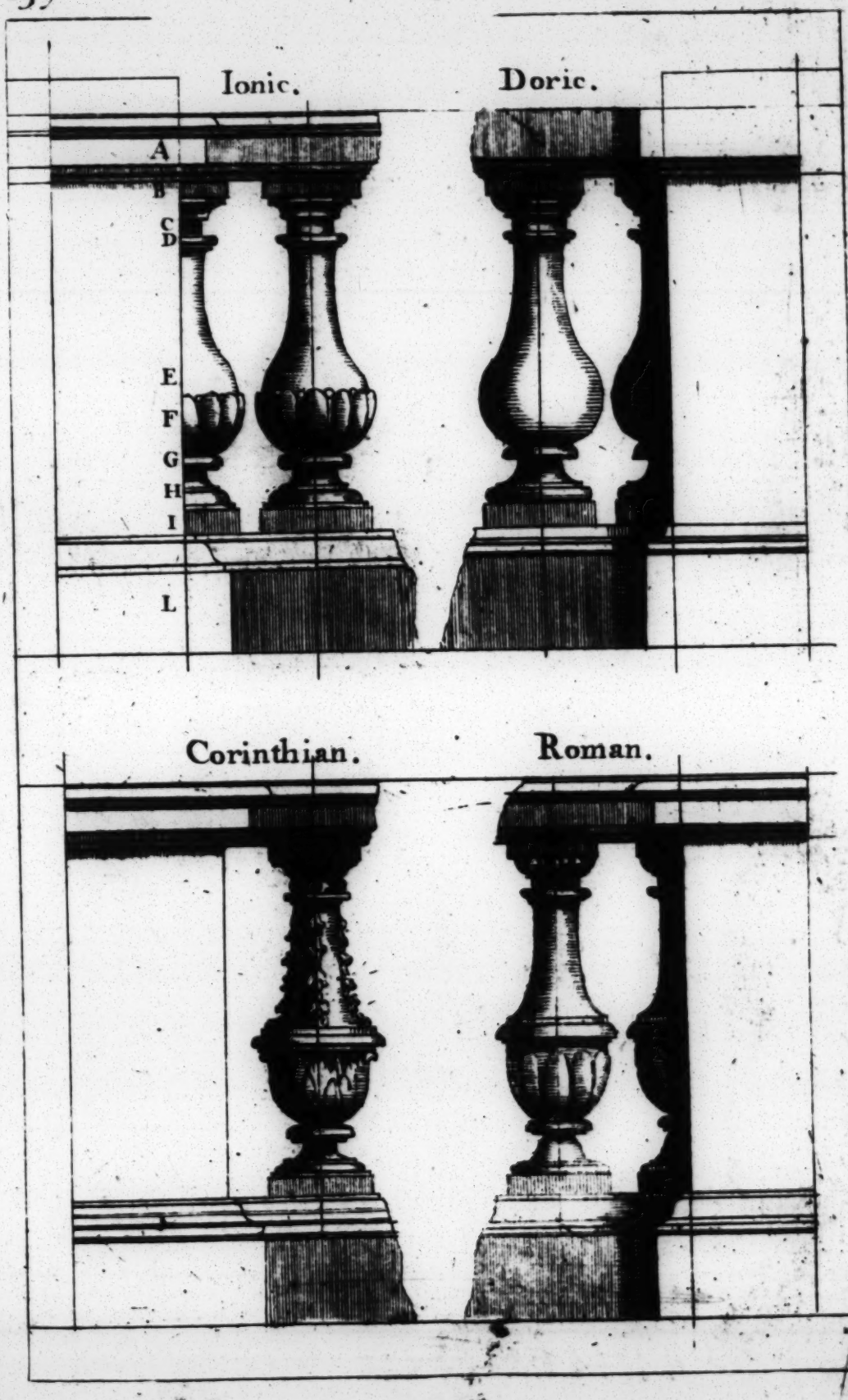


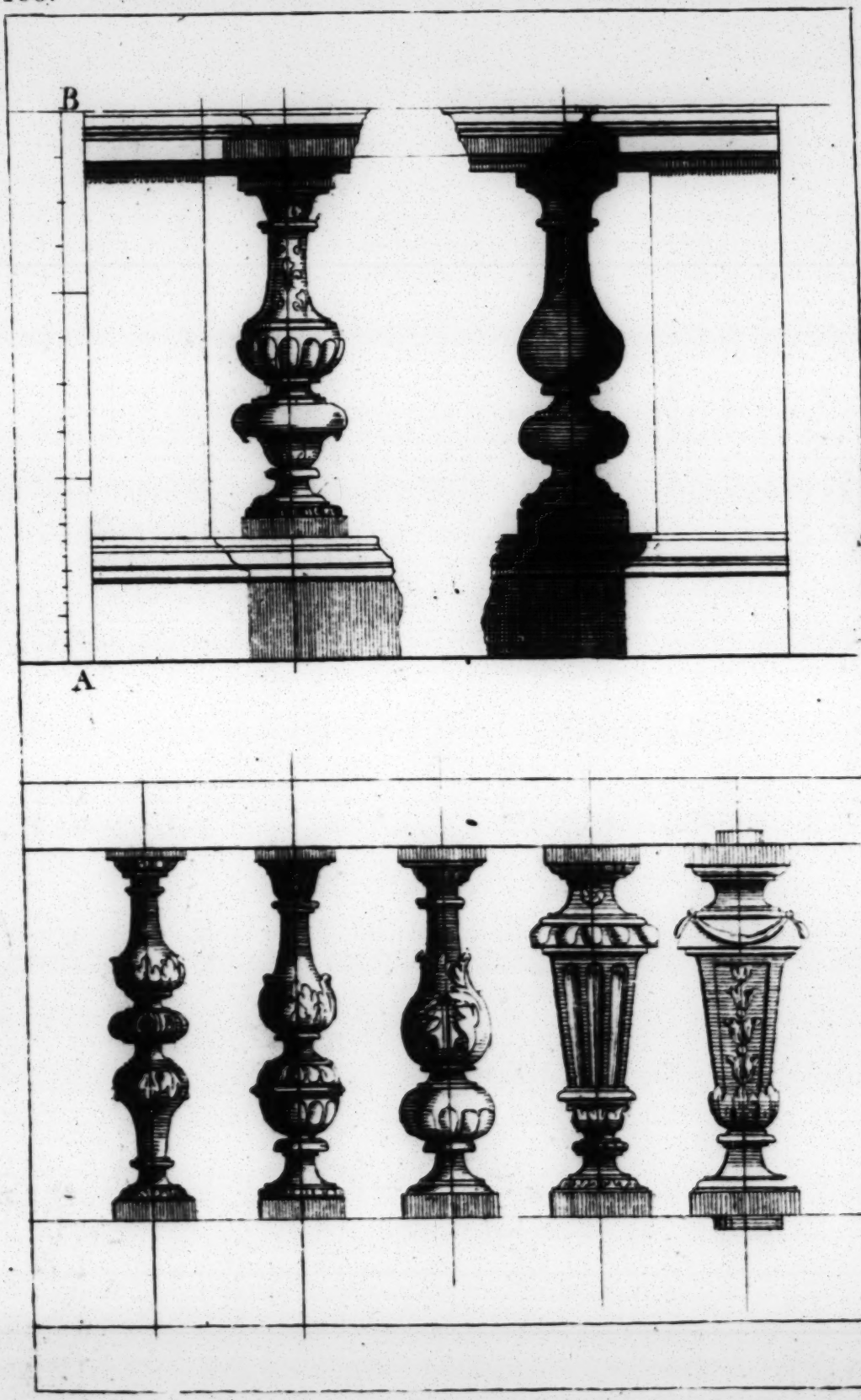
Tuſcan.

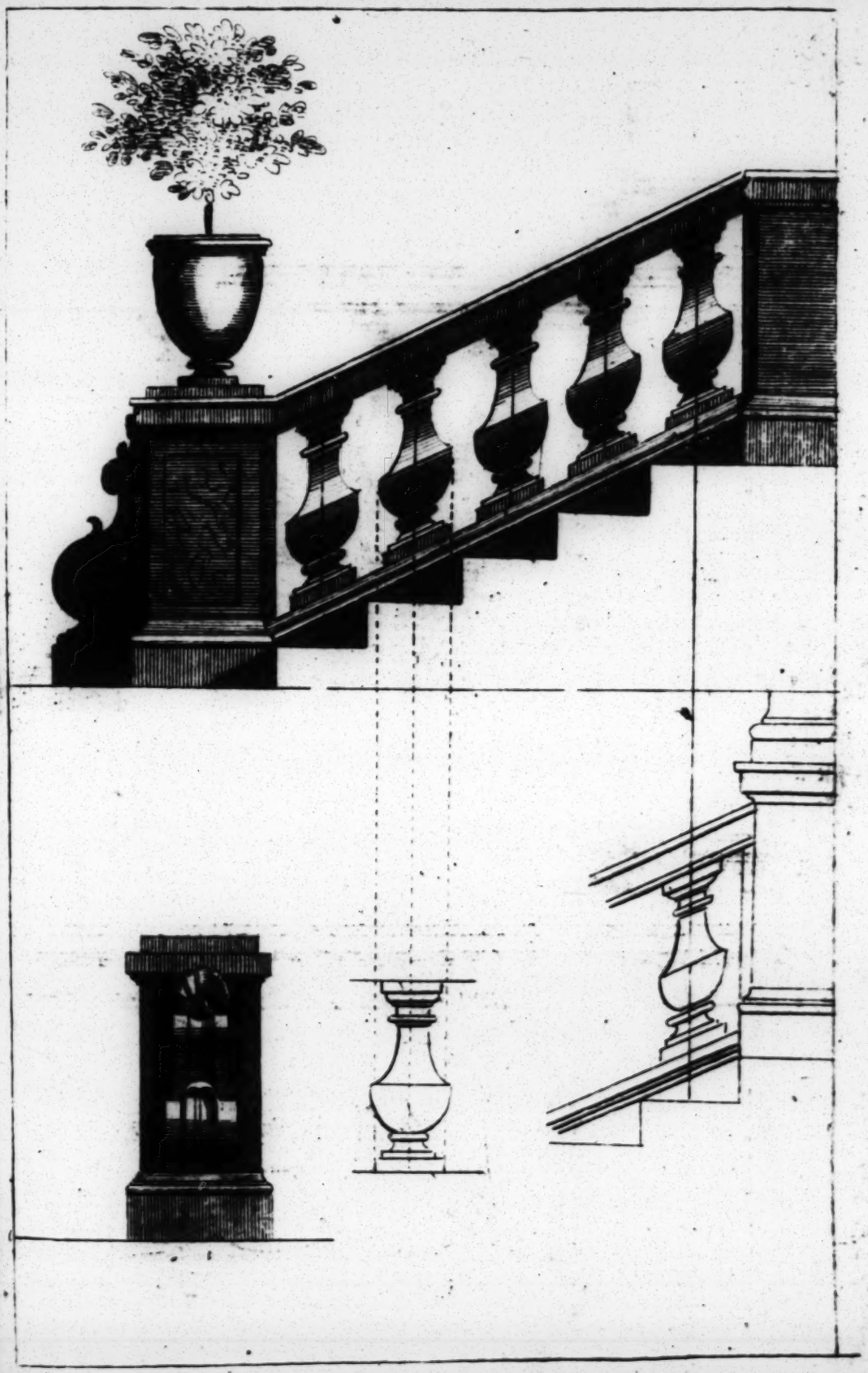


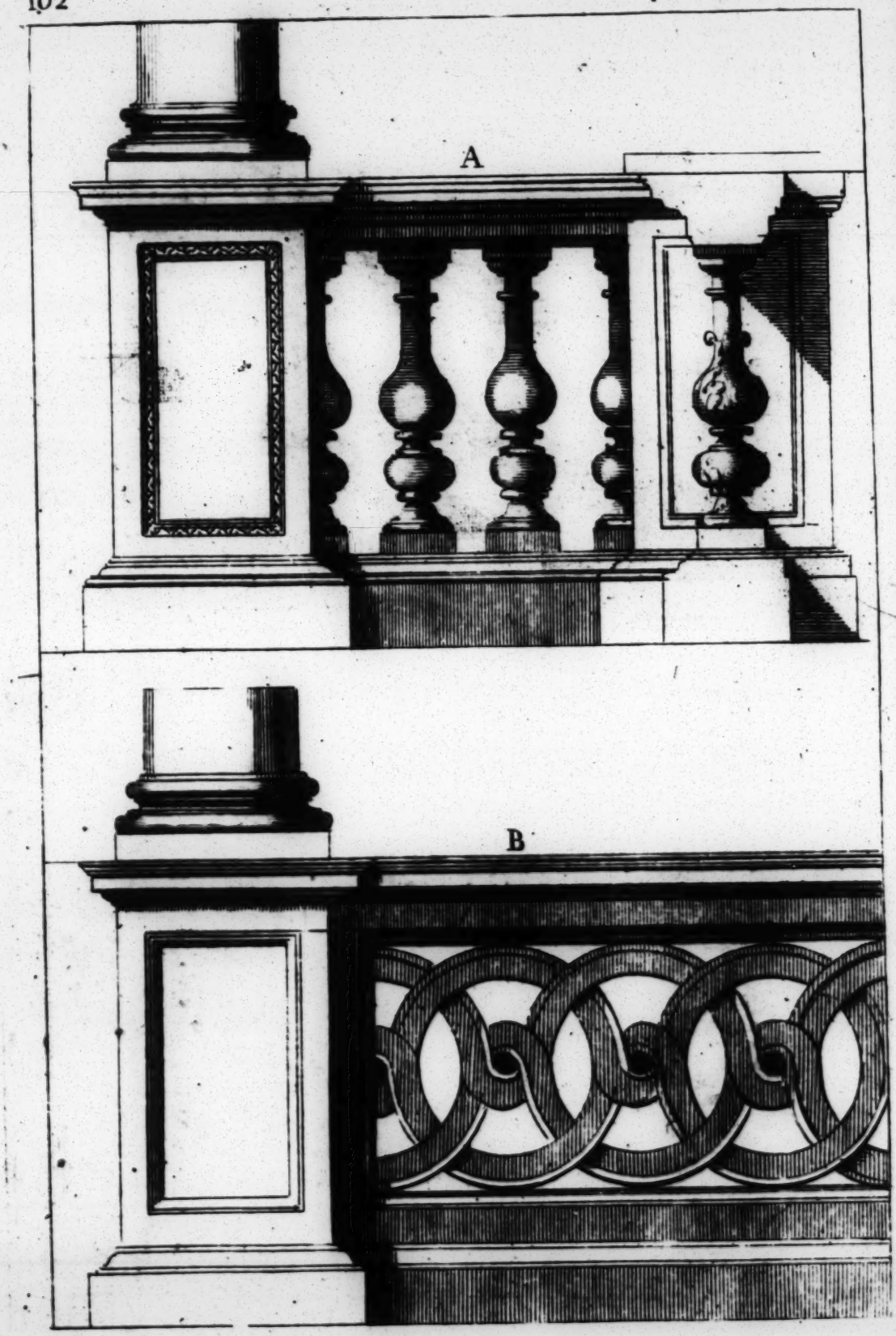
Doric.

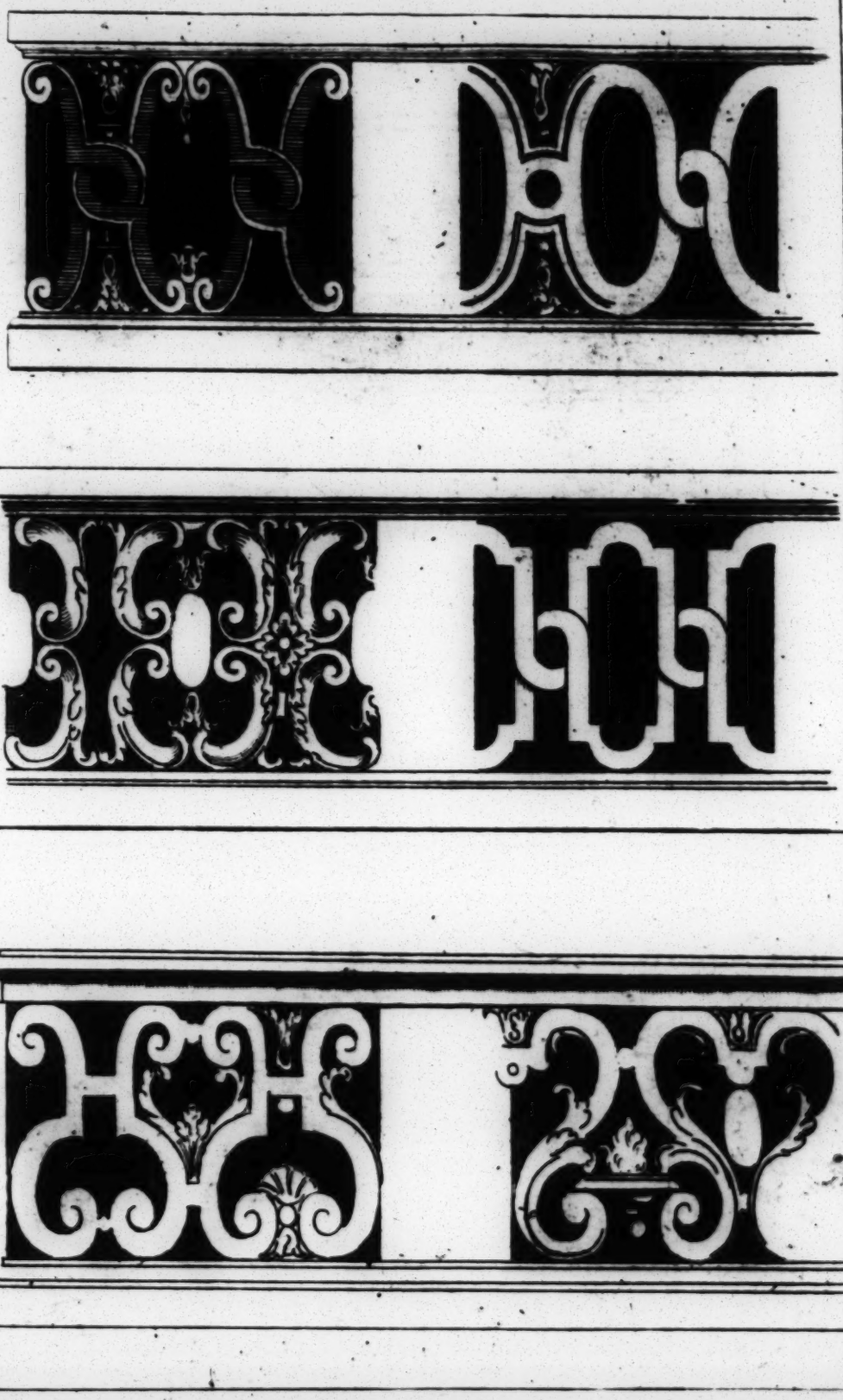


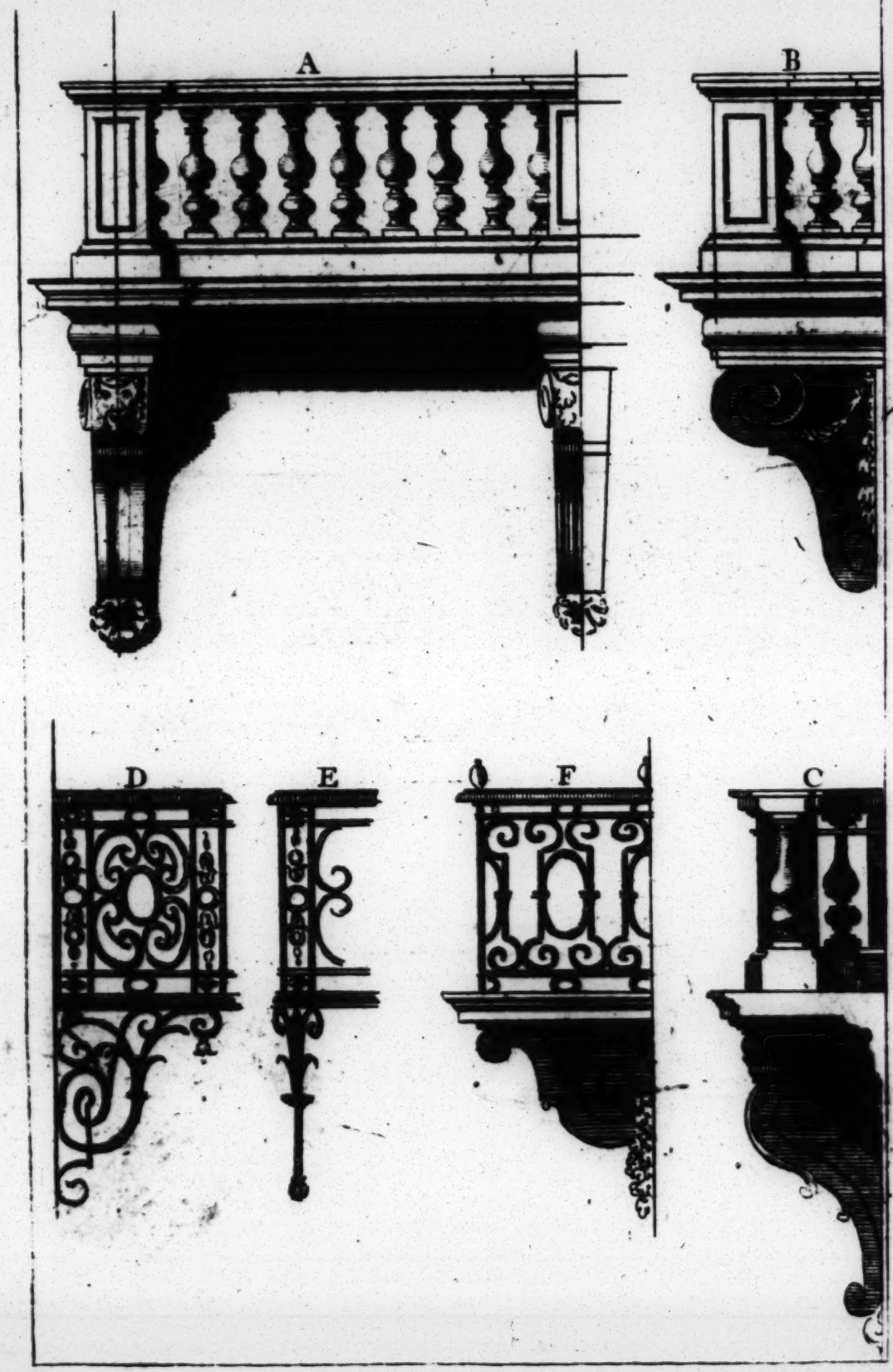

Ionic.
Doric.
A
B
C
D
E
F
G
H
I
L
Corinthian.
Roman.

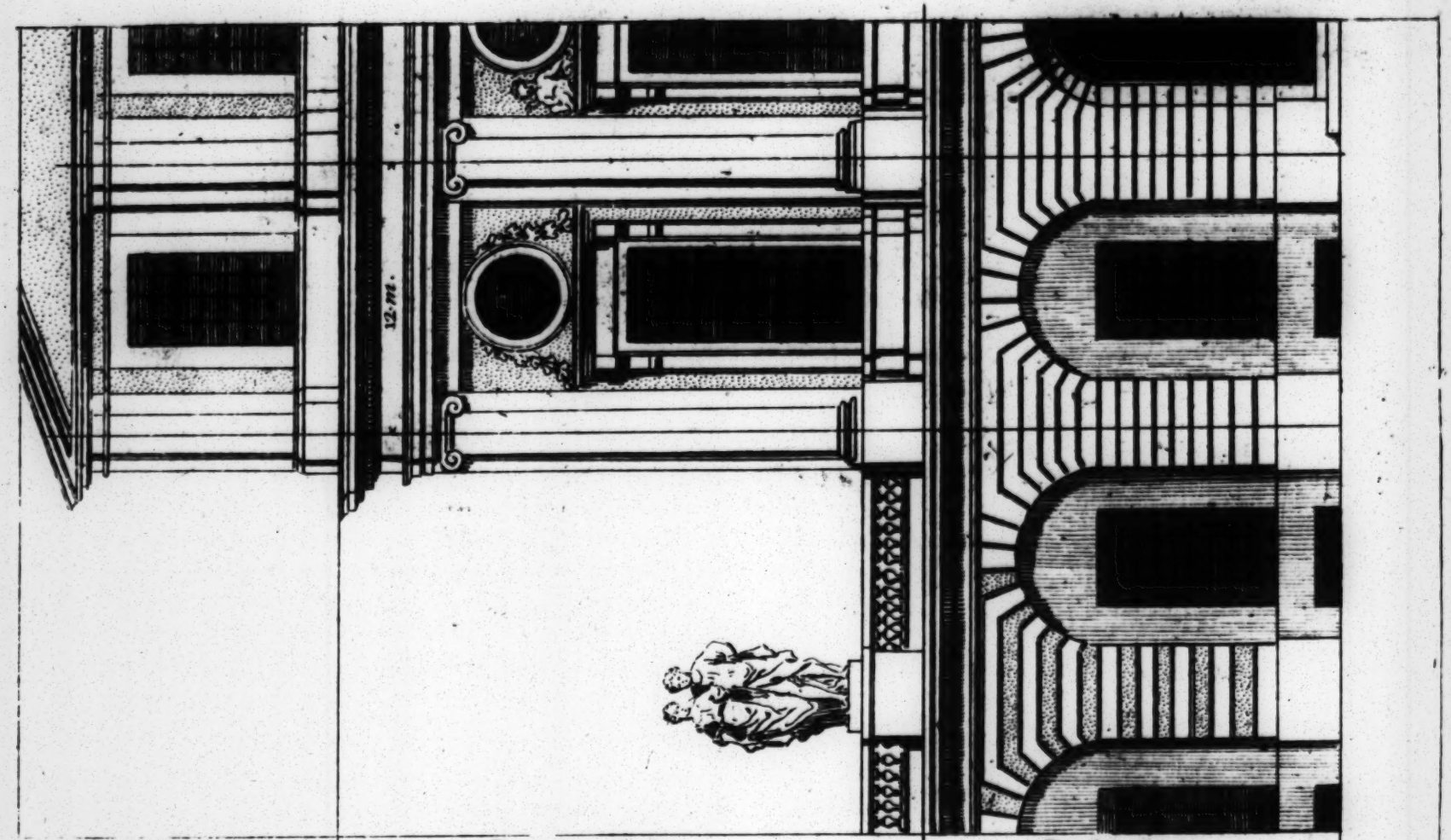

B
A



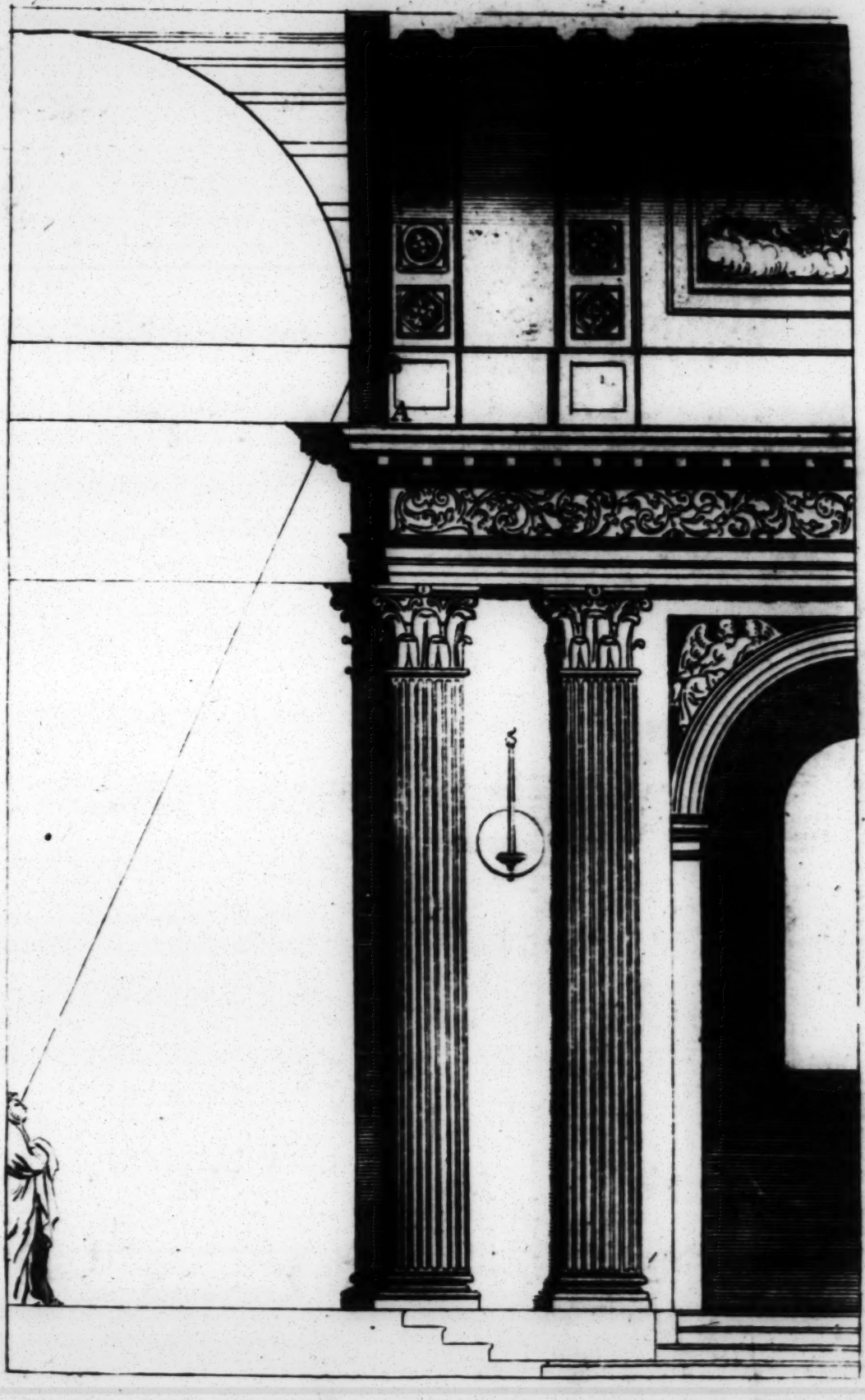

A
B

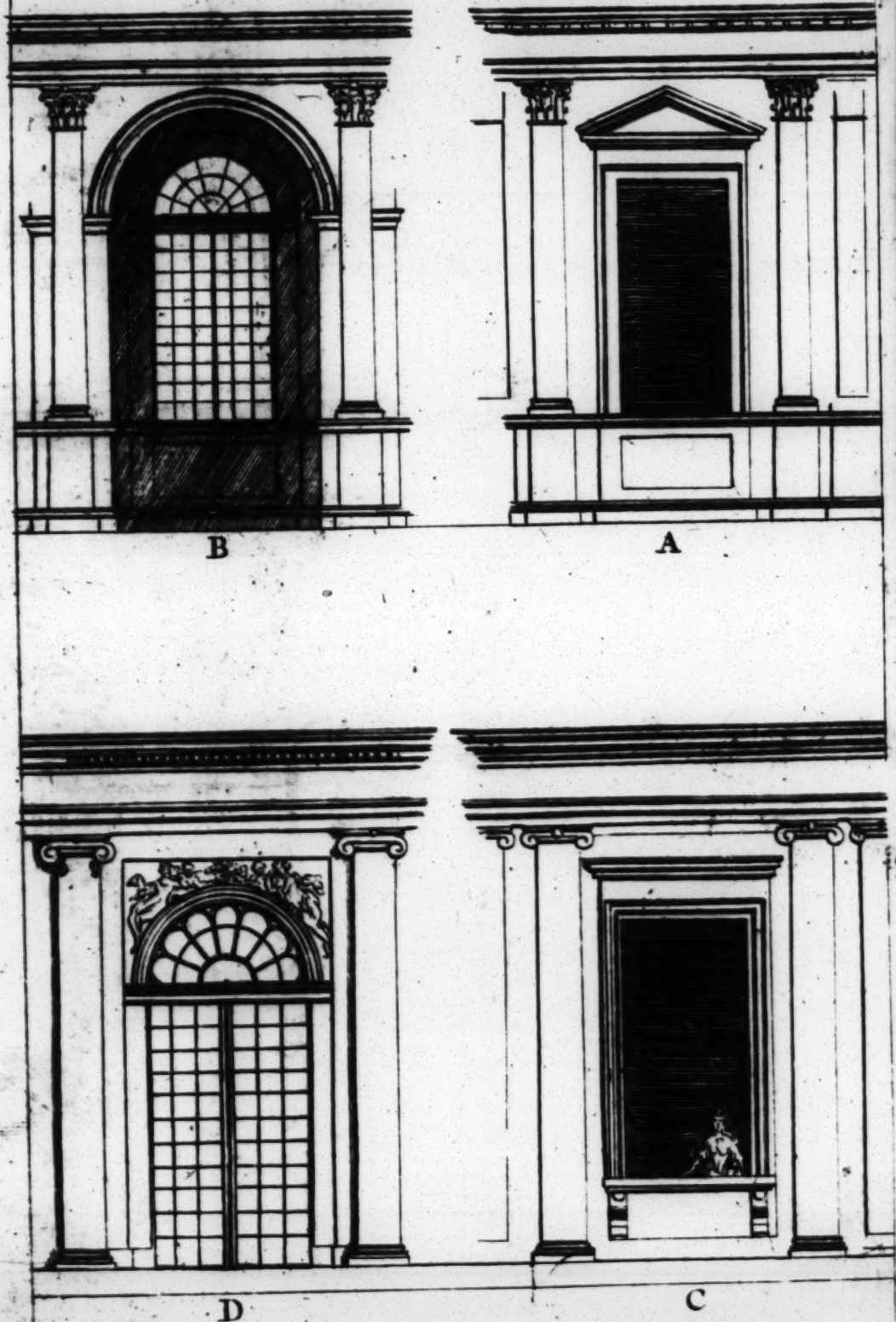



A
B
D
E
F
C



Attic Order. Regular Order. Ruſtic Order.


A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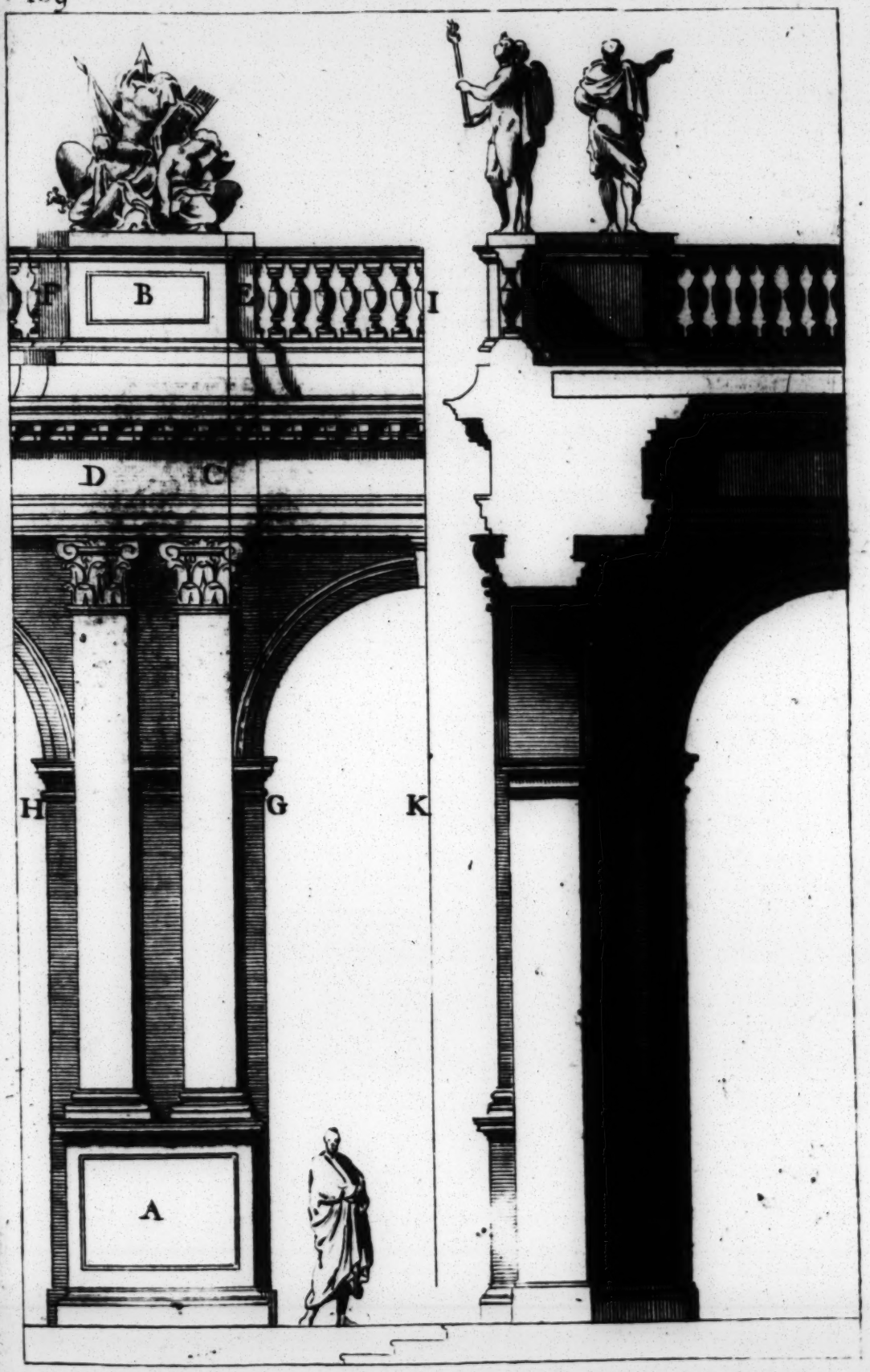
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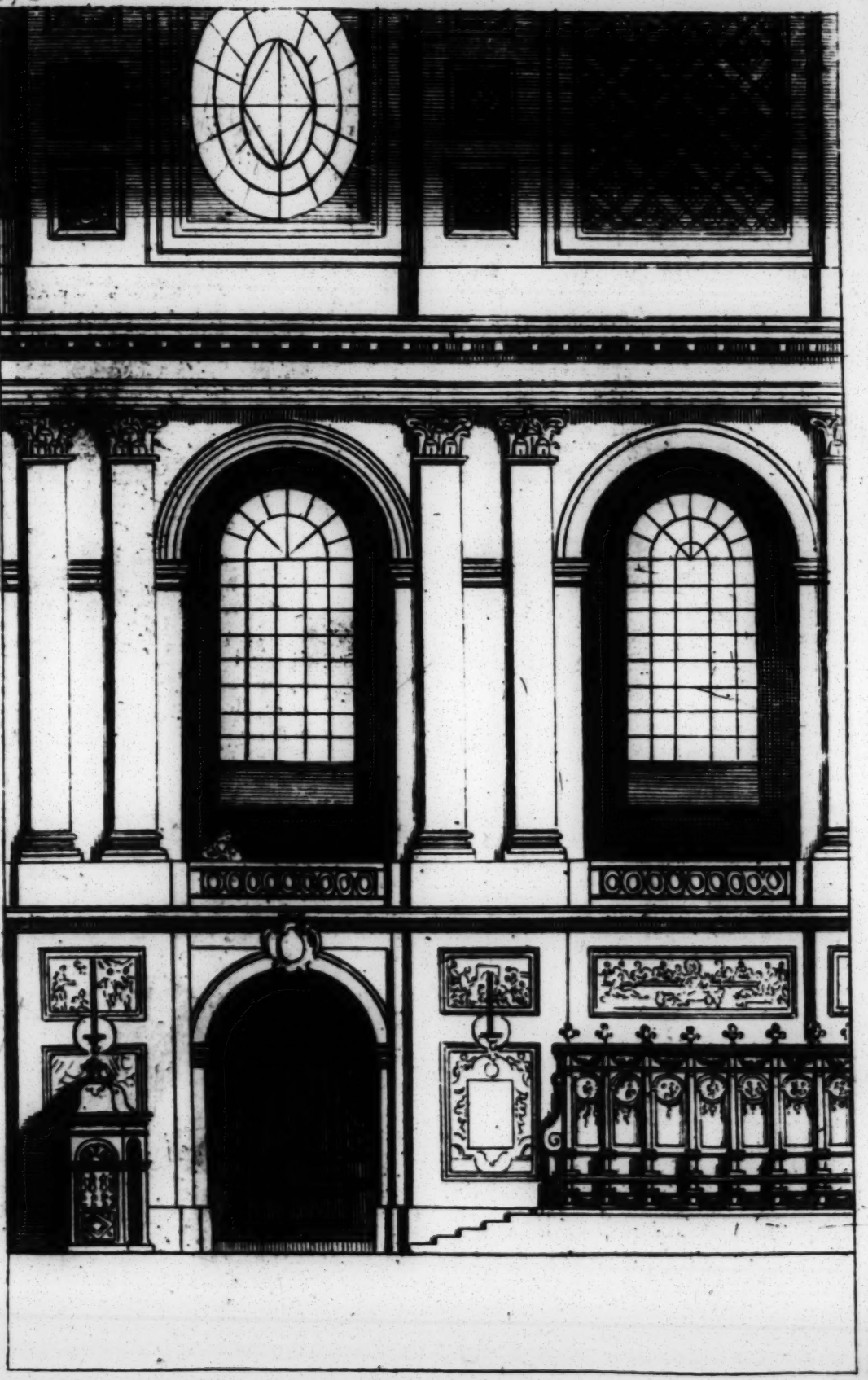

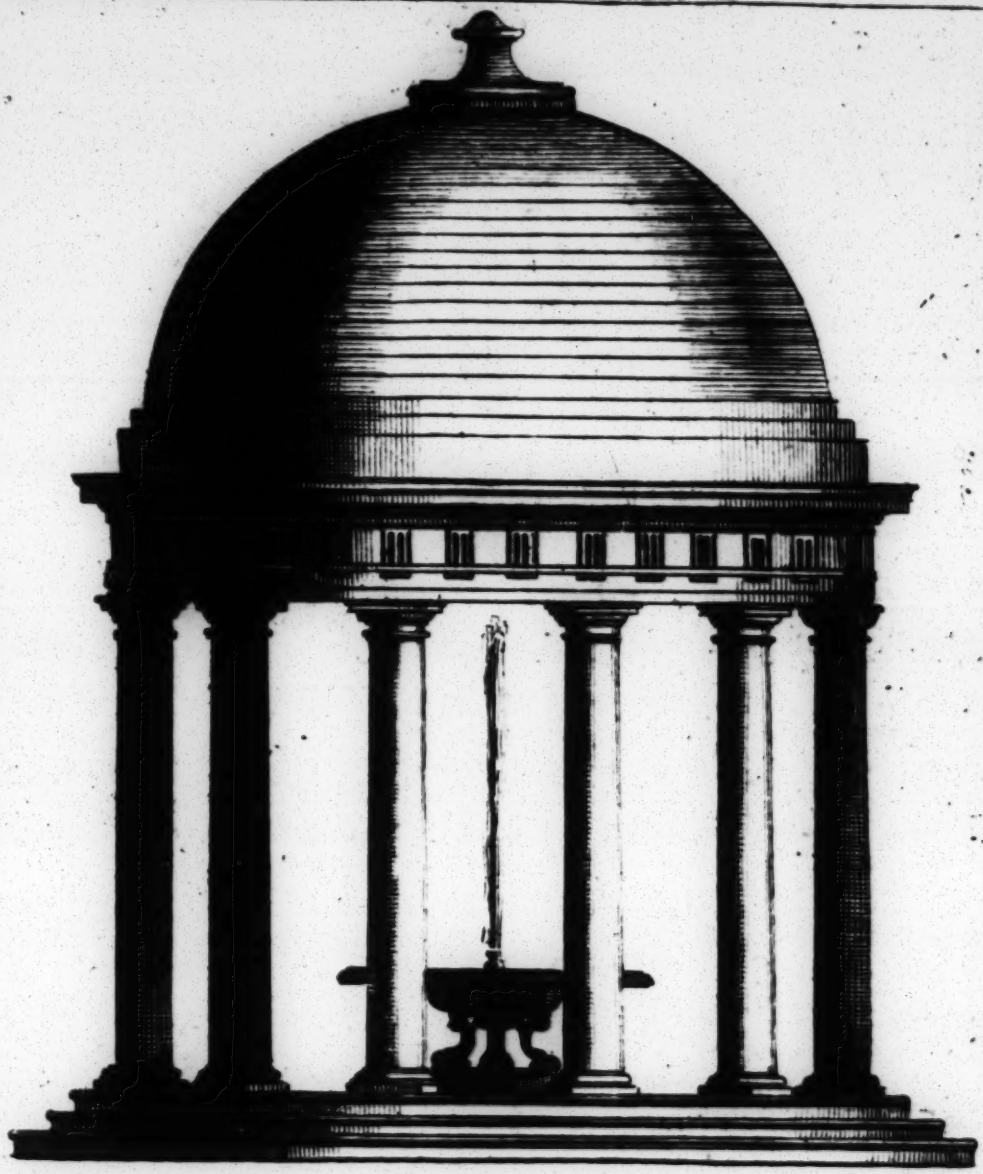

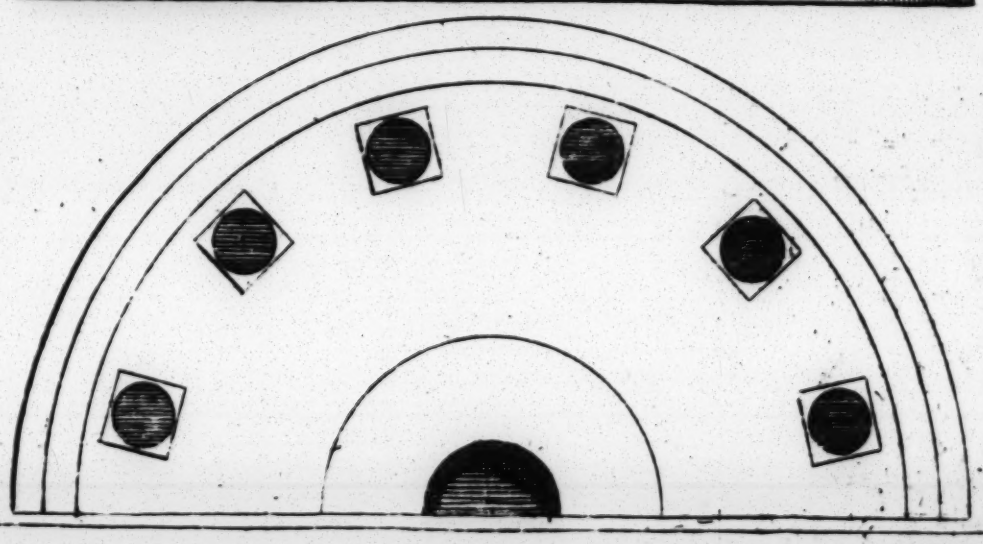

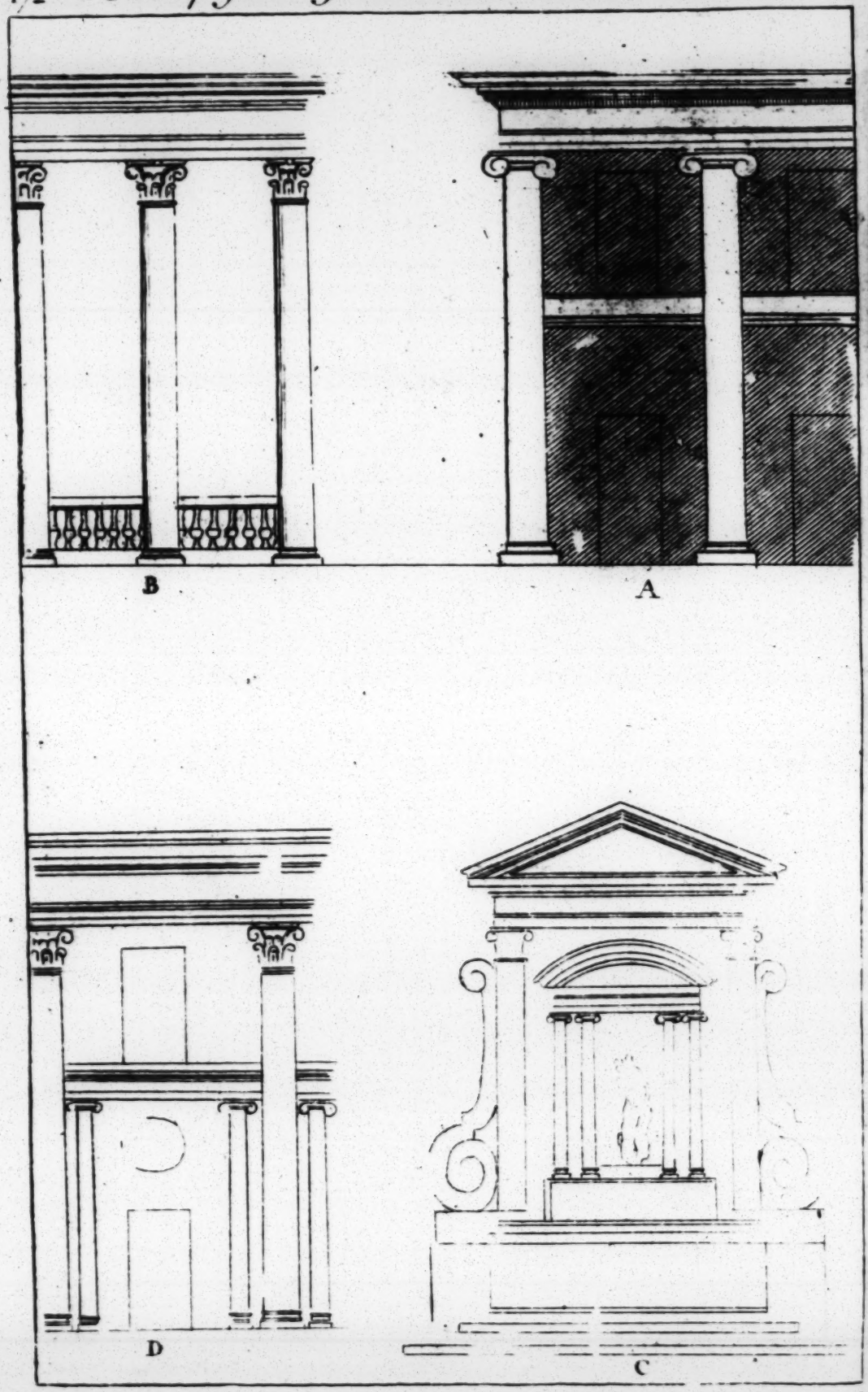
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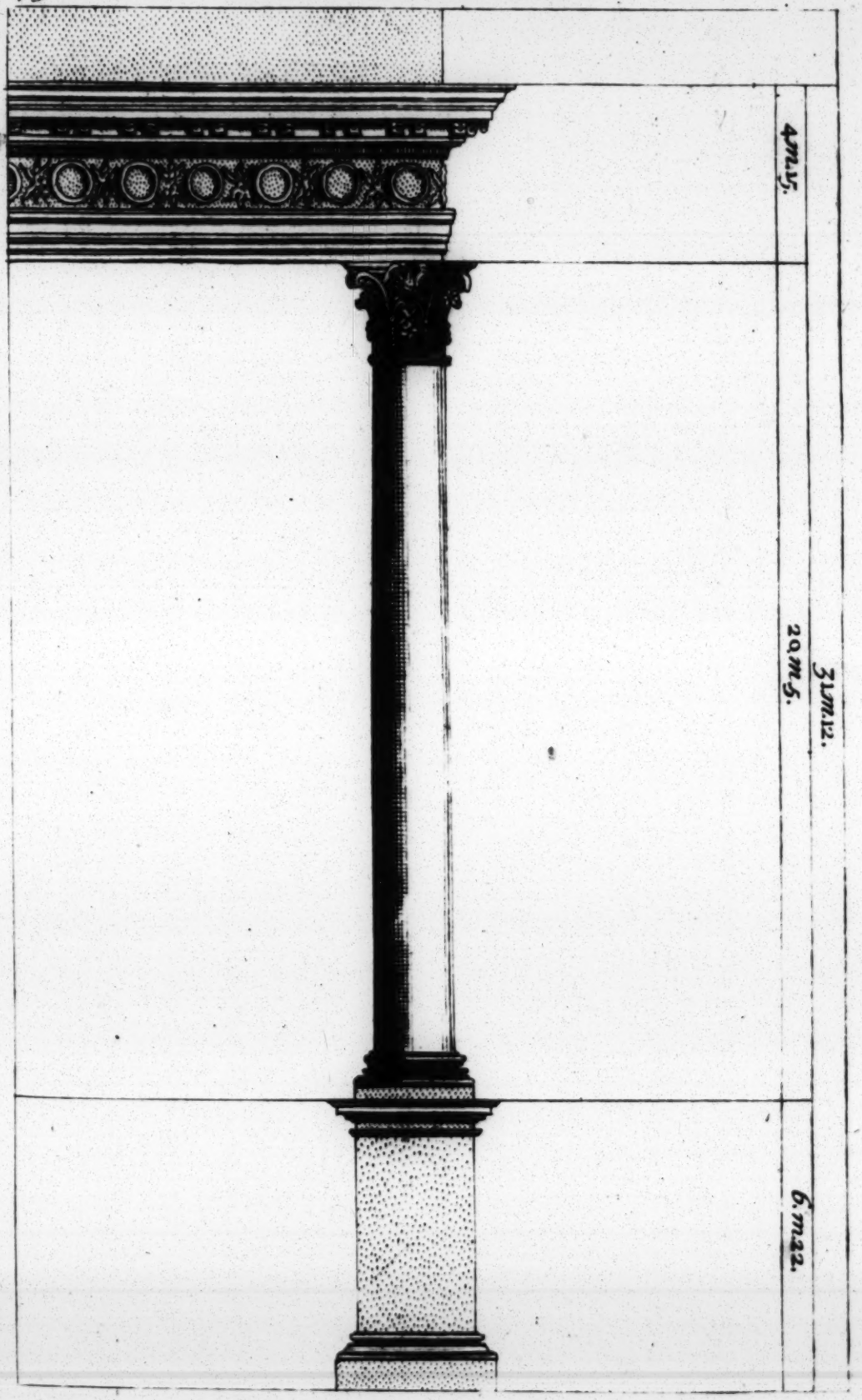

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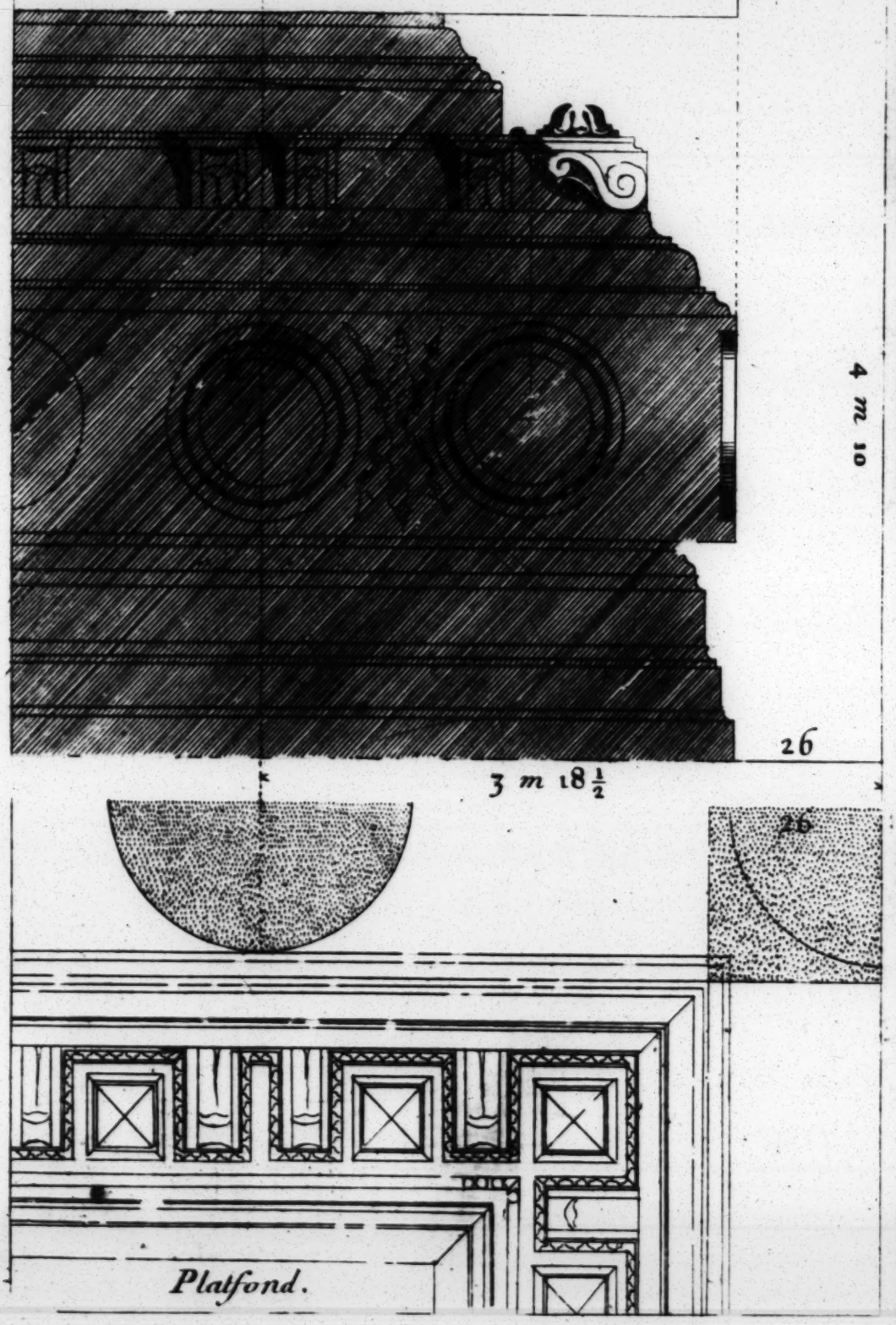

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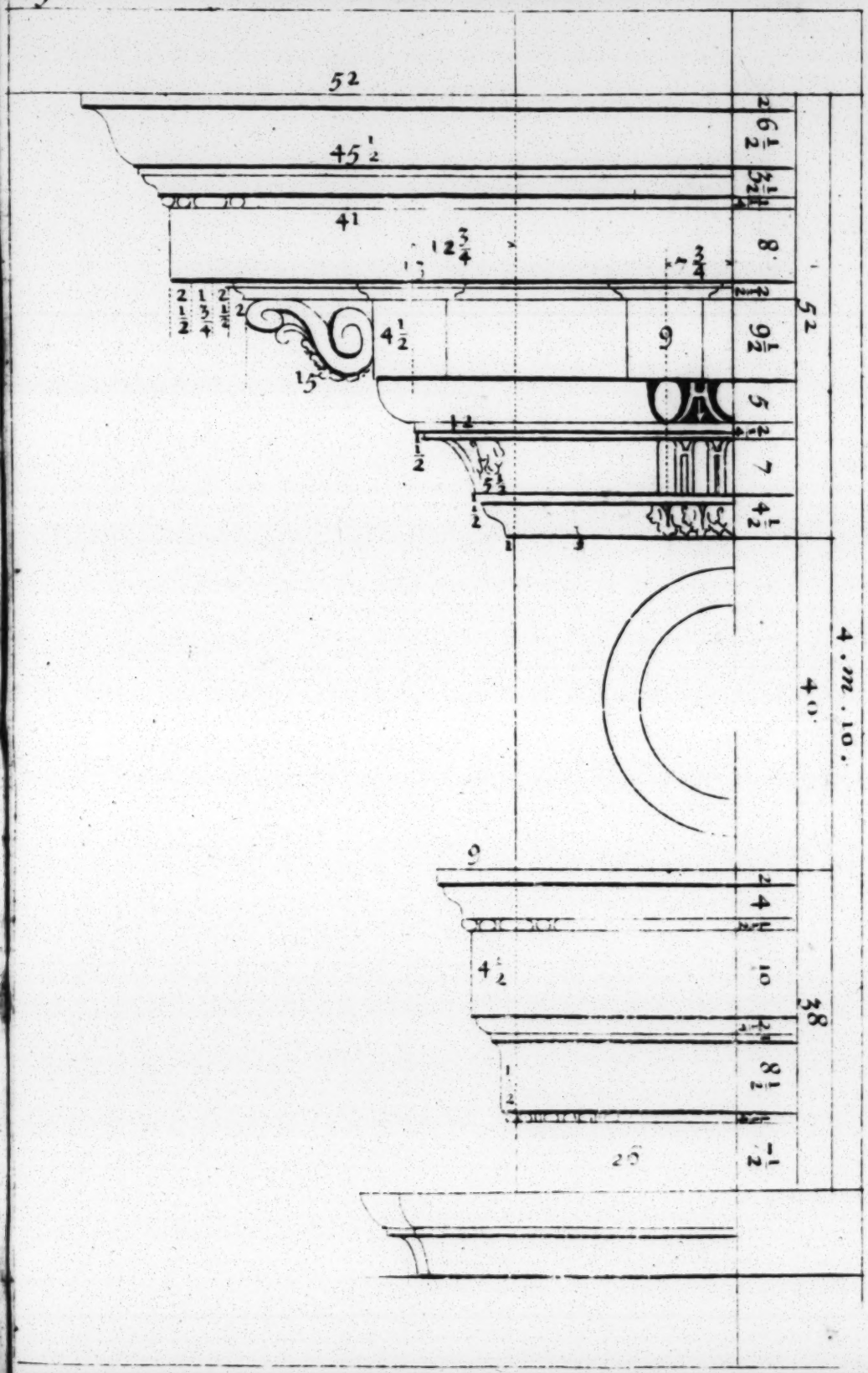

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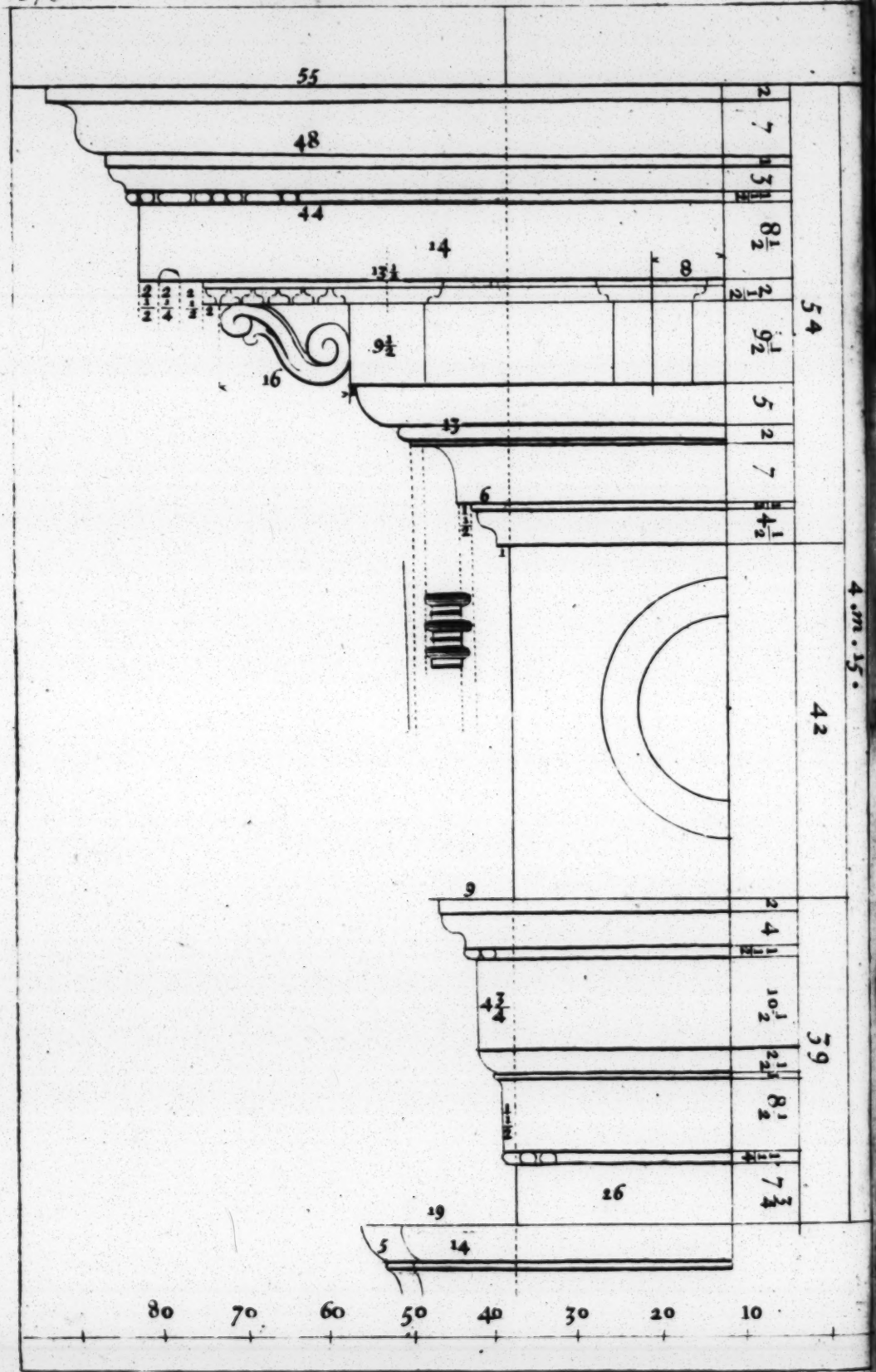

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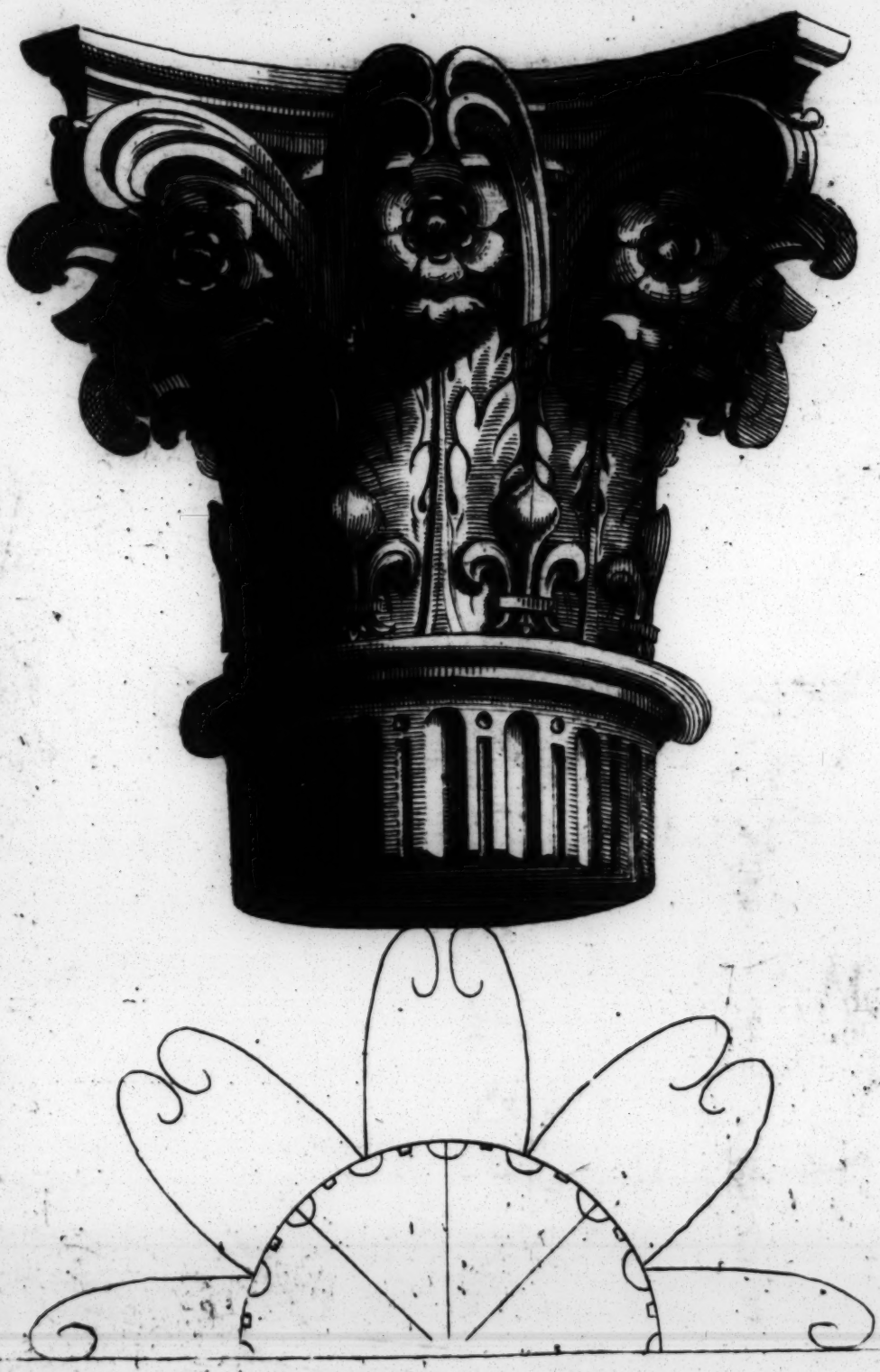

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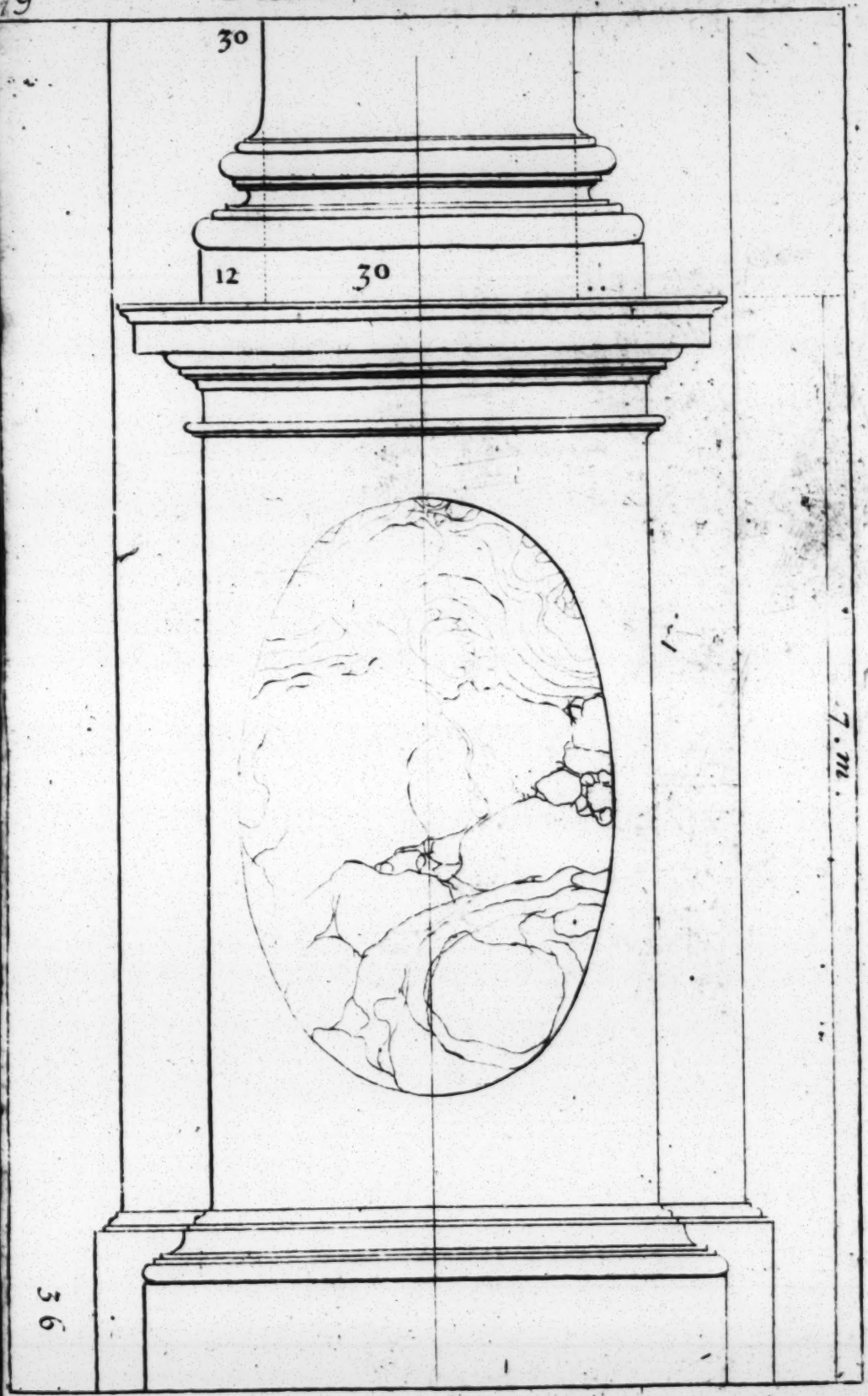

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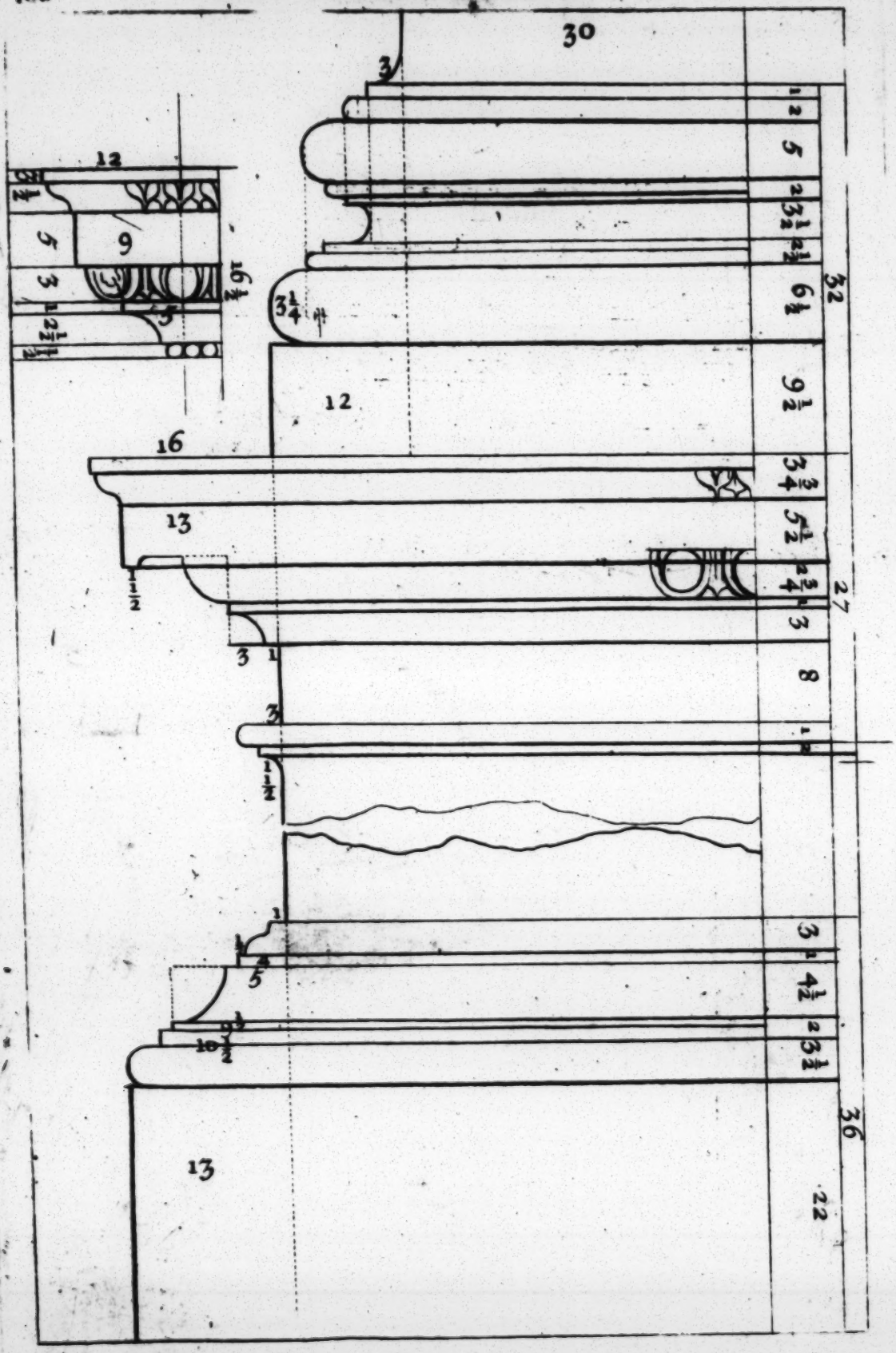

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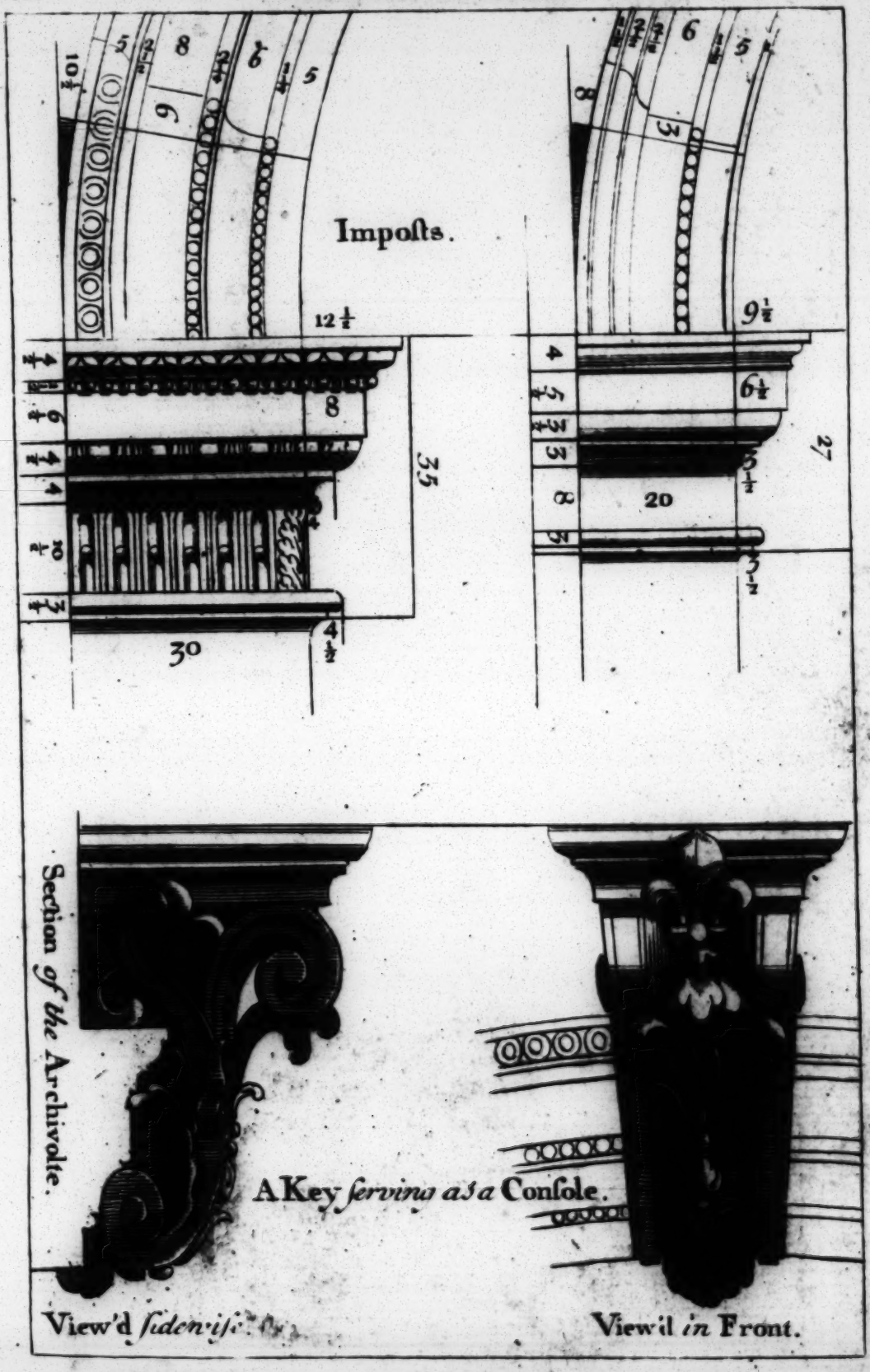

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